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Jan to June 1951

DATE DUE

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UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Region Three
Santa Fe, New Mexico

Monthly Narrative Reports-Jan.1951

Routing List--Southwestern National Monuments

	Name of Official	Date Received	Date Forwarded
Bandelier	Brinewies	2/9/51	2/12/51
El Morro	[illegible]	2/17/51	2/19/51
Canyon de Chelly	[illegible]	2/21/51	2/23/51
Chaco Canyon	[illegible]	2/25/51	2/26/51
Aztec Ruins	[illegible]	3-2-51	3-3-51
Arches	[illegible]	3-6-51	3-8-51
Great Sand Dunes	Glen Bean	3-13-51	3-18-51
Capulin Mountain	[illegible]	3-25-51	3-28-51
Gran Quivira	[illegible]	3-31-51	4-2-51
White Sands	[illegible]	4-4-51	4-4-51
Region Three Office--Mr. King			

(List No. 1.)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

ARCHES NATIONAL MONUMENT
MOAB, UTAH

January 27, 1951

Memorandum

To: General Superintendent

From: Superintendent, Arches

Subject: Monthly Narrative Report for the month of January, 1951

WEATHER: The prolonged drought was slightly dampened by a one inch snow storm on New Years Eve and again, on January 17, by two inches of snow; however the moisture content of the snow in both storms was only a trace and we are still far below normal.

TRAVEL: A 31% increase in travel appears over last month's count and an increase of over 600% over the same period last year, makes up for the two slow months of November and December. Our very dry weather is believed to be responsible for these increases. A total of 427 visitors entered the monument in 136 cars.

INTERPRETIVE SERVICES: Out of 427 visitors only 38 were contacted and the total contavt time amounted to 6 hours and 50 minutes. In anearnest attempt to cut down our equipment operations we have necessarily neglected the contact work; however we will attempt to solve this problem by parking our dump truck on the job and combining the use on the one pickup for Maintenanceman Winbourn's transportation and Ranger Worthington's patrols.

ROADS: No work has been done this month due to the slowness in delivery of tires for the grader and loader.

TRAILS: Maintenanceman Winbourn has finished the job of cutting a set of steps into Winter Camp Canyon which gives us a safe ½ mile trail to the Winter Camp View Point of Delicate Arch. Signs have been made for this section of the trail.

WATER SYSTEM: Although we had a serious mishap during the first attempt to install our new Pacific Jet Pump, we now have a supply of water which is kept constant by a very efficient Floatless Switch. We only get 450 gallons per hour, because it was necessary to install a smaller Jet than was originally planned, but since the tanks have been full the pump runs less than an hour a day. It is certainly a relief to know that our tanks are full and will stay full with a minimum of power plant operation.

UNITED STATES

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NATIONAL PARK SERVICE

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EQUIPMENT: Three new tires were received and mounted on the D-12 Patrol. This puts this piece of equipment back into operation. We are still waiting for the shipment of tires for the Front-End Loader.

GENERAL: About half the month was spent on the installation of the new Water Pump; however our annual inventory is almost completed and signs have been made for the Delicate Arch Spur Road and Trail.

Bates E. Wilson

Bates E. Wilson
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

24 January 1951

Memorandum

To: General Superintendent

From: Superintendent Aztec Ruins

Subject: Superintendent's Monthly Narrative Report 1ml

WEATHER: Quite a variety this month with cold, sub-zero, weather accompanied by snow, sleet and high wind. This sort of weather lasted for only a few days and was followed by very mild and pleasantly warm days and nites with the 4 inch snowfall melted and gone. Travel as a result is away up again for this month.

NEW CONSTRUCTION: We have done a little more hauling of soil in the landscaping project and a few additional transplants were made of native shrubbery around site #3 residential area.

MAINTENANCE: For the first time in a number of years we have not had to repair the great kiva roof after a sudden cold spell and snow fall. In checking over the roofs of the ruins rooms, each seems to be water tight as does the recently laid roof of the museum-administration building.

It has been a different story, however, with the garage roof at residential site #3 where settling of the building has given us some difficulty with tears in the roof cover and the usual problem thawing frozen "weep holes" that drain the roof cover.

INTERPRETIVE SERVICES: There were 391 visitors in 68 parties conducted thru the ruins and 557 visitors in 114 parties shown thru the museum.

INCREASE IN TRAVEL: As the general trend seems to be in the Southwest, a great increase in travel has occurred this month over January of the previous year and we are ahead by 48% with 557 visitors from 30 state and Cuba, arriving in 162 cars.

VISITORS: Mr. and Mrs. Al Lancaster, Archeologist Engr., from Mesa Verde visited with friends December 26. Mrs. Eugene C. Saxe with daughter Alice, from Montclair, N.J. visited Jan 18. She is an artist of some note, having been connected with the American Museum Natural History.

Irving T. Townsend

Irving T. Townsend, Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

January 29, 1951

Memorandum

To: General Superintendent

From: Superintendent, Bandelier

Subject: Monthly Narrative Report for January, 1951

Weather

The weather during most of the month continued to be very dry and there is considerable apprehension over water supplies through out most of the state. This is the second winter with very little snowfall and some wells are already going dry. There were two light snows on the 1st and 12th that had .24 inches of moisture.

Temperatures were generally cold the first part of the month with a low of 3 degrees below zero on the 5th and 7th but it warmed up to 64 degrees on the 25th.

Special Activities

The Superintendent and Ranger Keefe attended a number of meetings at Los Alamos and Santa Fe in connection with the organization of Civilian Defense for this region. A mutual aid pact has been formed which includes the defense organizations of Los Alamos, Espanola, Taos, Santa Fe, Las Vegas, Albuquerque, and the National Park Service, Indian Service, and Forest Service. The Bandelier orgainzation is being set up to work closely with the one at Los Alamos.

In-service training meetings were started this month and will be held once a week until the middle of March. Following the practice started last year each employee will take part in one program. Some of the regional office personnel have also been requested to aid in the training meetings.

A staff meeting was held for all employees on the 8th and a safety meeting on the 18th.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

Approximately three and one half tons of scrap metal were disposed of and the wood yard can now be placed in a more orderly condition.

A Red Cross First Aid course was started for all employees and their wives under Mr. Barnworth of the Los Alamos fire department. Both the standard and advance courses will be given.

Maintenance

Two connecting rods burned out on the Chevrolet sedan and it was necessary to overhaul it. all of the work was done locally except replacing and grinding the valves.

All of the signs in the headquarters area were oiled to freshen them up.

A second ladder was constructed for use on the Ceremonial Cave Trail to replace one that was becoming dangerous.

Eight new benches for the picnic tables were hewn out of logs and will be installed next month.

Approach Road

Although the approach road continued to be very dry and dusty it was graded once during the month by the State maintenance crew and it is in fair condition.

The Operator General graded the shoulders along the paving leading into Frijoles Canyon.

The Atomic Energy Commission has made final plans to pave the road from the Los Alamos west gate, past our checking station, to site TA 33. This will contribute approximately one and one half more miles of paving to the approach road.

Plans are being developed to place an oil dust coat on the unpaved section of the approach road. Two trips were made to the Regional Office to discuss this project and some information has been gathered on cost of gravel etc.

Interpretive Service

394 visitors were conducted on 51 tours of the ruins this month.

A special talk on the importance of the archeology of this region with emphasis on protection of the ruins was given to the 4, 5, and 6th grades of the White Rock school by Ranger Turney.

Travel

Travel continued to show a good increase over last year with 890 visitors as compared with 646 for January, 1950 and 160 in January, 1949. The continued open winter is partly responsible for the heavier than usual travel although it is very similar to the weather last year.

Visitors

Visitors to the area this month included:

Mr. and Mrs. Charles Sigler, and Mr. and Mrs. Sears, recently appointed architects in the Region Three Office.

Ranger and Mrs. Bob Morris, Canyon de Chelly National Monument.

Chief Ranger and Mrs. Barton Hersnler, Rocky Mountain National Park.

Forest Fire Control

Ranger Keefe attended a meeting in Forest Supervisor Flock's office to discuss the cooperative fire fighting agreement between the Forest Service, Indian Service, Atomic Energy Commission, and National Park Service. This is the first year that the Indian Service has been included in the general agreement although we have had separate understandings with various pueblos for several years.

Building Fire Protection

Fire Chief Keefe prepared a self inspection form for all employees to use at their residences to check for possible fire hazards. In addition he made a careful inspection of the other buildings and propane gas installations.

Insect and Tree Disease

A contract was prepared in the Regional Office for spraying by airplane to prevent damage by tent caterpillars and web worms to the trees in Frijoles Canyon. Two sprayings are anticipated in May and July.

Fred W. Binnewies
Fred W. Binnewies
Superintendent

Canyon de Chelly National Monument
Chinle, Arizona

January 26, 1951

Memorandum

To: General Superintendent

From: Superintendent, Canyon de Chelly

Subject: Monthly Narrative Report for January, 1951

Travel:

Always rather slow this time of the year. However, we did have 50 people in 19 cars compared with 37 people and 13 cars for January of last year. We continue to show an increase over last year with travel year to date figures of 663 compared with 376 last year.

Weather Conditions:

It's really getting serious as far as moisture is concerned. Only 3.45 inches of precipitation fell during the entire 1950 calander year and only 3.53 inches for the past 15 months. Livestock is suffering. A low of -1 was reached on January 7, and several successive nights hovered around the zero mark.

Roads:

Recent bladings have put all roads in fairly good shape.

N.P.S. Visitors:

Kenneth Saunders and Harold Marsh on the 16-17. Plans were discussed concerning the living quarters and administration building rehabilitation program. Much valuable assistance was given to me by these gentlemen.

Personnel:

While loading concrete table units on a truck, David Gorman-Maintenance Man, suffered a bruised and possible fractured ankle bone when a table end fell on his foot. A report of injury has been submitted covering this accident.

Project Progress:

A start has been made on the rehabilitation of buildings and structures. A new hot water heater was purchased and installed replacing the 17 year old antiquated one. Firms are being contacted in Gallup to determine who can furnish what materials for the successful conclusion of this program

All concrete table units have been completed and are now being placed at the various picnic areas. Five fireplaces remain to be completed - five are already in place.

The Soil & Moisture Program will be completed as soon as $1000 worth

Canyon de Chelly National Monument
Chinle, Arizona.

Con't. from page 1. January 26, 1951

of wire is received from the General Services Administration.

Further Roads and Trails work is being held pending some sort of moisture later in the current fiscal year.

Everett W. Bright
Everett W. Bright,
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Capulin Mountain NATIONAL MONUMENT

Capulin, New Mexico

January 25, 1951

Memorandum

To: The General Superintendent
Southwestern National Monuments
National Park Service
Santa Fe, New Mexico

From: Superintendent Homer J. Farr

Subject: Monthly narrative report, January 25, 1951.

Visitors: We have had about 450 visitors to Capulin Mountain National Monument during the month of January, making a total of four thousand three hundred and fifty during the travel year and twenty three thousand five hundred and fifty for the fiscal year to date.

Weather: We have had two inches of snow on January 1, one inch on January 6th and six inches on January 13, which helps the dry condition quite a lot. Have had good weather though throughout the month, and the road up the volcano has been kept open with the exception of two days, when the drifts on the north side were pretty deep.

Flora and Fauna: Of course the snows during the month have helped the vegetation some. Quite a few deer have been noted in the area. While the snow was on the ground, the Sup't. has had several of the porcupines, which have been causing extensive damage to the pine trees, exterminated.

Roads and Trails: The road on the Monument has been bladed four times during the month, and has been in good condition, except for about two days, when the snow was drifted in several places.

Special visitors: The early part of the month, State Patrolman Geroggins of this area brought some of the officials of the State Police to the Monument. They were considering making a request to the National Park Service for a small relay broadcasting station on the top of the mountain. It was explained by Mr. Geroggins that if they did make the request, it would be a very small building, to be placed out of sight of the public on top of the volcano, and would be unattended. Several times the Patrolmen have told me that they get the most perfect police radio reception on top of the volcano than any place in this area. I have no comments to make about this until and if we get a request.

Information Pamphlets: About fifty pamphlets have been distributed during the month. Have about 17,500 on hand.

Homer J. Farr, Sup't.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
CASA GRANDE NATIONAL MONUMENT
COOLIDGE, ARIZONA

January 25, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Casa Grande National Monument

Subject: Monthly Narrative Report for January, 1951.

General: The heavy winter travel began as scheduled. Although we have received eleven more visitors for January than we did for the same month a year ago, it was so close that it was almost splitting hairs. A better picture of the increase in travel can be seen by comparing the travel figures of this month with December; 5,212 as compared to 3,400. Our biggest problem is the anticipation of visitors' demands for the publications which we handle for Southwestern Monuments Association; as yet we have not been able to establish a trend, even some of the normally poor sellers have gone like the proverbial "hot cake".

Irregardless of recent storms, our travel and the drouth situation continues without relief. Two critical water areas have been designated to curtail the drilling of more wells; one area is south of the monument near Eloy, and the other is north of here in the Queen Creek-Superstition area. Available water in storage is only sufficient for about one-tenth to one eighth of the land that is under irrigation; the remainder must come from underground water sources.

On the pleasant side of the ledger, the electric power from Davis Dam will soon be coming over the lines to Coolidge, via Prescott and Mesa. The substation which the Bureau of Reclamation built just out of Coolidge cost some 4.5 million dollars will begin full time operation about the 1st of February.

At 2:55 p.m. on December 29th, a five year old child, Robert D. Lloyd, was accidentally, but fatally shot while taking a tour through the "ruins". The shooting was done by two local youths who were target shooting along the canal beyond the monument

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CASA GRANDE NATIONAL MONUMENT

COOLIDGE, ARIZONA

area. Prompt medical attention was insufficient to save the childs' life as the bullet penetrated the brain through the right temple; the child died in the Pinal County Hospital in Florence about three hours after the shooting. For more comprehensive details we refer to the narrative report and form 10-403 which were submitted after the accident.

On the 14th of January, we were host to the Mesa Annual Cavelcade, which is sponsored by the Mesa Junior Chamber of Commerce. More than three hundred people came as part of the tour. The group was divided into two groups, part of the cavelcade was visiting "Picture Rock" canyon while the other half was visiting the monument. The picnic, free coffee actually, was given to the cavelcade at "Picture Rock" canyon rather than tie up our picnic area for Sunday visitors.

Weather: We have been subject to a variety of weather conditions during the past month. It did most everything except snow (although five miles north of the monument there was about six inches of snow on the flats and they had a snow plow out clearing the highway.) We had our first good storm on January 12 since September, .82 inch of rain.

Highest Maximum	79°
Lowest Minimum	20°
Precipitation for the month	.97 inch

Visitors: Our visitors for the month showed a slight increase over the same month last year; our annual travel figures are somewhat ahead for the travel year, about 2.4%.

	1951	1950
Visitors during January	5,212	5,201
Increase	11	
Visitors for travel year	13,848	13,518
Increase	330	
Servicemen during January	15	

Interpretive Service: A total of 3,423 people made the trip to the "ruins" in 220 groups, averaging 53.0 minutes per trip.

area. Through medical examinations and immunizations to make the cities healthier, the health personnel was taught through the right channels the skills lived to the final income brought in Firenze about twice years after the activity.

In the 1970s of January, we were lost it the Year Annual Development, which is provided by the Year Junior Member of Firenze. Five-time Year Member people also as part of the Year. The group was trained into two groups, part of the members was visiting "Fabrica Lock" during with the other half was visiting the company. The people, then active actively, was time to the residents of "Fabrica Lock" during return week the up our people area for health visitors.

Welfare: We have been engaged in a variety of welfare activities during the past month. In all most everything except some individuals from global funds of the movement there was about all tasks of cities on the field and they had a new plan and planning the village, to be in the first year when on January it also September. We task of this.

Signed Persons	7%
Lowest Attend	32%
Participation Tr in the month	.27 Lock

Welfare: Our visitors for the month formed a village increase when the same month last year, our actual travel figures are remarkable about the total cost, about 1.4%.

	1981	1980
Fabrica Social Account	2,212	2,222
Increase	11	
Visitors for travel year	12,362	12,222
Increase	82%	
Individual social Account	12	

Expenditure Section: a total of 2,22 people and the way to the "Fabrica" in the group, averaging 82.4 members per left.

There were 1789 visitors who made only a short stop and did not go to the "ruins"; we estimate that 70% of this group did take advantage of the museum.

Visitors of Note and Special Groups:

December 27 -- Mr. Louis Schellback and son from Grand Canyon National Park

December 28 -- Mr. and Mrs. Adolphe Van Gpabbeke of Brussels, Belgium. Mr. Van Gpabbeke is Belgium's represenative at the United Nations.

December 29 -- 18 Boy Scouts of Troop 20, Safford, Arizona for a tour to the "ruins" and a picnic.

January 2 -- 67 members of the high school band from Douglas, Arizona, for the ruins tour.

January 5 -- Mr. Malcom Farmer, former head of the Museum of Natural History, San Diego, California.

January 7 -- Visit from John Davis, General Superintendent of Southwestern National Monuments.

January 14 -- Cavelcade sponsored by the Mesa Junior Chamber of Commerce for their annual tour. Approximately 300 people participated in the cavelcade.

January 21 -- 27 Y.W. and Y.M.C.A. teenagers of the Mesa Hi-Y Club for picnic and visit to the "ruins".

18 Boy Scouts from Troop 144, Coolidge, Arizona, for picnic and receiving of merit badges.

Administration and Protection: Seven requests for information were answered, and the literature requested was mailed. The Adamsville site received its usual inspection, and there was no evidence of new "pot hunting".

The rains, the first good ones since September, enabled us to shape up the ditches three times and fill in any breaks in the shoulders of the roads, which are now in excellant condition.

A.T. Bicknell
Superintendent

(sj)[2]

There were little visitors who made only a short stay and did not go in the "Valley", we believe that all of them (very old) are enjoying of the water.

Visitors of June and Special Groups:

December 27 -- Dr. Louis Leakitch and his from Great Dayton Business Men.

December 29 -- Dr. and Mrs. Galyen the daughter of General Malvin. Dr. Tom Quarles is Galyen's representative of the United Nations.

December 30 -- In my Rangers of Troop 20, Mesilla, Arizona for a trip to the "Valley" and a picnic.

January 2 -- 17 members of the city school band from Tucson, Arizona, for the radio show.

January 4 -- Mr. Wilson Turner, former head of the Bureau of Reclamation Station, San Diego, California.

January 7 -- Visit from John Davis, General Superintendent of Southwestern Bell Telephone.

January 10 -- Twenty-one students of the Dona Juana Student Council for their annual tour. Approximately 200 people participated in the activities.

January 11 -- 17 Girl Scout Troop of the Dona Ana Girl Scout for lunch and visit to the "Valley".

12 Boy Scouts from Troop 340, Mesilla, Arizona, for picnic and swimming of early morning.

Highlights and Problems: Great pressure for internation was expressed, and the literature received was sold. The Lions Club facilitated the usual cooperation, and there was no evidence of the "P.T. feeling".

The radio, the first girl from Silver City, wanted to come up the Dona Ana Show and will be my helper in the showing of the films, which are now in excellent condition.

Ed. Birkell
Superintendent

(a)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Chaco Canyon National Monument
Bloomfield, New Mexico

January 27, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Chaco Canyon National Monument

Subject: Report of Activities at Chaco Canyon during the Month of January 1951

Weather conditions

As with past months, January has proven one of the dryest on record. A trace of snow fell New Year's morning with another light skiff on the 19th, barely enough to register a trace of moisture. We have has two bad dust storms. For the most part, the weather has been spring-like with temperatures ranging from a low of minus 1 and a high of .

Administration

Superintendent Guillet returned from annual leave on December 26th and Ranger Elmore entered on annual leave December 30th and returned to duty on January 20th, 1951.

A complete inventory of semi-expendable and non-expendable equipment and cards arranged for recording items not recorded.

Two trips were made to Gallup, New Mexico for materials for the well. One trip was made to Farmington to pick up supplies.

All of the correspondance and filing that had accumulated since June 1950 was completed and rearrangement and correction of the filing system carried on as time permitted.

Maintenance

The light plant was overhauled, valves ground and wiring made to quarters. Work on the water system continued and studies made on the wells by Mr. Conn of the Regional Office. The old sheds were cleaned and repaired for some equipment. This job is being continued as time permits. New stone steps were placed in Pueblo Bonito eliminating the rather rickety and dangerous ladder. A general though rather futile cleaning of the grounds was made. A survey of signs was made and plans made for the installation of new or repaired signs, both in the Monument and on the approaches.

Visitors

Travel shows a slight increase over last year despite poor road conditions. A total of 77 visitors in 28 cars were recorded this month.

Interpretive services

19 conducted trips with a total of 69 persons were conducted through the ruins. With these and museum contacts, a total of 23 hours was spent. Ranger Elmore lectured to 53 students and teachers at the Crownpoint Boarding School.

General

Archeologist Aide Rixey became the proud father of a six pound baby boy on January 16th. The new arrival was named Gary Raymond, and all concerned are getting along nicely.

Permits

Two permits were given to move sheep across the Monument - one to Rafell Mescalito and one to Sargent.

Inspection by N. P. S. Officials

Architects Marsh and Saunders were in for a short look around on the January 18th. Engineer Conn arrived a week earlier for work on the new well.

Meredith M. Guillet
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Chiricahua National Monument
Dos Cabezas, Arizona

January 25, 1951

To: General Superintendent

From: Superintendent, Chiricahua

Subject: Monthly Narrative Report

There follows the Chiricahua National Monument Narrative Report for January, 1951:

WEATHER January brought a snowfall on the 1st and another on the 12th of the month. The first snow totaled 5.00" and gave us .85" of water. The second snow brought .10" less water but reached a depth of 8.75". Temperatures ranged from a high of 69 degrees to a low of 14.

SPECIAL ACTIVITIES Superintendent Cooke left on the 23rd for a four day trip to White Sands National Monument where he plans to pick up some surplus items assigned to Chiricahua.

Ranger Gaynard returned from Annual Leave on the 7th. Operator-General Marble took four days Leave during the third week.

PUBLICITY On the morning of January 21, the Greyhound Bus Co. radio program included a five minute talk on Chiricahua by Commander Scott. Our only criticism was that the reporter spoke of being able to move Chiricahua's balanced rocks by hand!

It was learned from several visitors that the Phoenix Gazette ran a large spread of pictures and articles on this Monument in their January 14 issue. Though requested, no copy has as yet been received.

Correspondence has been received from Universal Studios of California relative to their plans for a film on the life of Cochise. The plans include filming the story in full or in part at Chiricahua. The picture is to be a sequel to the current technicolor on Geronimo entitled "Broken Arrow". If definite word is received as to the shooting of scenes at Chiricahua, the General Superintendent shall be notified.

MAINTENANCE A general cleanup of the area and of the buildings was held this month. One day was given to painting a room in the Superintendent's residence.

APPROACHES TO MONUMENT The two snows of January lasted but a short while on the approach roads and did much to keep down the objectionable dust of December. The pavement of route # 181

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Dalrymple National Monument
Sun Dances, Arizona

January 22, 1931

To: General Superintendent

From: Superintendent, Dalrymple

Subject: Monthly narrative report

There fell on the Dalrymple National Monument territory during the January, 1931:

Weather: January brought a snowfall on the 1st and another on the 16th of the month. The first snow totaled 6.5" and gave us .85" of water. The second snow brought .17" less water but produced a depth of 6.75". Temperatures ranged from a high of 54 degrees to a low of 16.

Visitor Activities: Superintendent Dunne left on the 22nd for a four day trip to Little Jacks National Monument where he joined Mr. Lyle of the regular Dunne employed by Dalrymple.

Trapper Jerrold returned from Yellow Lawns on the 23. Superintendent Dunne took four days leave the 24th for their work.

Maintenance: On the morning of January 23, the Department Dr. Lyle prepared calculated a fire alarm, with no distribution by Commander Hart. Dr. Lyle articulated and that the trapper arrive at which able to have Dalrymple's business report to Dunne.

It was learned from Jerrold visitor that the Dunnie Dunnie was a large square of plaster, and written on this document is their journey to have. Dunnie presented, so city has no pet have problem.

Correspondence has been received from Dalrymple of Dalrymple relative to their plans for a file on the life of Cicero. The Chief living filmed the story in full as to its part of Dalrymple. The pictures it is a equal to the modern questions on Dunnie political "Dunnie error". It Dalrymple work is required is to the activity of hotel of Dalrymple, the Dunnie Superintendent dwell to activity.

Maintenance: A general clearing of the dirt and of the building was held this month. The day was given to painting a room in the Superintendent's residence.

Information to Monument: The two cases of Dunnie lawns had a short mile on the Dunnie, Dunnie and all much to bring down the objectionable dust in Dalrymple. The property of Dunnie I [illegible]

was centerstriped from the intersection with route # 666 to the Monument. All roads are in good condition with the exception of the approach over the mountain from Portal. As always, this is not recommended during winter months.

The monument road is in excellent condition despite the snows and run-off. Extremely little rock has fallen to the road bed during the melting and the thawing.

INTERPRETIVE SERVICE One three hour conducted tour was made with 2 visitors. Four conducted walks on the Massai Point trail were held with 36 visitors. Contacts in the museum totaled 461.

TRAVEL Travel for this month showed a decrease of 17% from that of January, 1950. The total number of visitors was 621 and gave a 41% decrease from the previous month. Chiricahua is now 541 behind the travel year total of 4264 recorded this date in 1950. We are unable to account for this decrease unless travelers are becoming more cautious in the use of money and equipment and are avoiding long drives from main highways to areas such as Chiricahua.

The grader was employed as a snow plow immediately after the two snows of the month and cleared the road to where travel was almost totally uninterrupted. Only one car of two visitors could not make the drive through the monument. They arrived in the thick of the January 12 fall.

VISITORS Joseph Muench, photographer, visited the Monument on the 23rd. His was a brief visit but he declared plans to return in the spring.

RANGER SERVICE Much Ranger time was spent in January on the replacing and the repainting of approach signs.

In accordance with a request from Naturalist Arnberger, tree specimens were collected and forwarded to Mr. Paul Landacre of Los Angeles, California.

Clifford C. Gaynard

Clifford C. Gaynard,
Acting Superintendent.

was generalized from the interaction with roads [illegible] to the consumer. All roads are in good condition with the exception of the approach over the swamplands from Portal. As always, this is not recommended during stormy weather.

The summer road is in excellent condition despite the snows and rain-wet. Extremely little rain has fallen on the road but during the melting and the thaw.

INTERMEDIATE SERVICE [illegible] three hour conducted tour was made with 8 visitors. Two conducted walks on the mesas [illegible] visitors. Contacts in the museum totaled 481.

TRAFFIC Travel for this month showed a decrease of 193 from that of [illegible]. The total number of visitors was 481 and [illegible] from the previous month. Difficulties in the fall having the travel year total of 4484 recorded this date by 1000. We are working to secure the [illegible] Lodge strategies are [illegible] our evaluation in the use of [illegible] and are [illegible] from [illegible] slightly to [illegible] as [illegible].

The ranger was employed in a [illegible] during the [illegible] of the month and cleared the road to Alamo Ranch and [illegible] interpretive. Only one set of two visitors could not make the hike [illegible] the summer. They arrived in the [illegible] of the January 14 [illegible].

[illegible] Joseph Bennett, interpreter, visited the museum on the [illegible]. His was a brief visit but he desired [illegible] return in the spring.

[illegible] [illegible] from the [illegible] in Forestry [illegible] [illegible] and the [illegible] of [illegible].

In accordance with a request from Tribal Attorney, the employees were [illegible] not [illegible] to [illegible] of [illegible], California.

Clifford E. Brown,
Acting Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Chiricahua National Monument
Dos Cabezas, Arizona

January 23, 1951

To: General Superintendent

From: Superintendent, Chiricahua

Subject: Monthly Narrative Report

There follows the Chiricahua National Monument Narrative Report for January, 1951:

WEATHER January brought a snowfall on the 1st and another on the 12th of the month. The first snow totaled 5.00" and gave us .85" of water. The second snow brought .10" less water but reached a depth of 8.75". Temperatures ranged from a high of 68 degrees to a low of 14.

SPECIAL ACTIVITIES Superintendent Cooke left on the 22nd for a four day trip to White Sands National Monument where he plans to pick up some surplus items assigned to Chiricahua.

Ranger Gaynard returned from Annual Leave on the 7th. Operator-General Marble took four days Leave during the third week.

PUBLICITY On the morning of January 21, the Greyhound Bus Co. radio program included a five minute talk on Chiricahua by Commander Scott. Our only criticism was that the reporter spoke of being able to move Chiricahua's balanced rocks by hand!

It was learned from several visitors that the Phoenix Gazette ran a large spread of pictures and articles on this Monument in their January 14 issue. Though requested, no copy has as yet been received.

Correspondence has been received from Universal Studios of California relative to their plans for a film on the life of Cochise. The plans include filming the story in full or in part at Chiricahua. The picture is to be a sequel to the current technicolor on Geronimo entitled "Broken Arrow". If definite word is received as to the shooting of scenes at Chiricahua, the General Superintendent shall be notified.

MAINTENANCE A general cleanup of the area and of the buildings was held this month. One day was given to painting a room in the Superintendent's residence.

APPROACHES TO MONUMENT The two snows of January lasted but a short while on the approach roads and did much to keep down the objectionable dust of December. The pavement of route # 181

was centerstriped from the intersection with route # 666 to the monument. All roads are in good condition with the exception of the approach over the mountain from Portal. As always, this is not recommended during winter months.

The monument road is in excellent condition despite the snows and run-off. Extremely little rock has fallen to the road bed during the melting and the thawing.

INTERPRETIVE SERVICE One three hour conducted tour was made with 2 visitors. Four conducted walks on the Massai Point trail were held with 36 visitors. Contacts in the museum totaled 461.

TRAVEL Travel for this month showed a decrease of 17% from that of January, 1950. The total number of visitors was 621 and gave a 41% decrease from the previous month. Chiricahua is now 341 behind the travel year total of 4261 recorded this date in 1950. We are unable to account for this decrease unless travelers are becoming more cautious in the use of money and equipment and are avoiding long drives from main highways to areas such as Chiricahua.

The grader was employed as a snow plow immediately after the two snows of the month and cleared the road to where travel was almost totally uninterrupted. Only one car of the visitors could not make the drive through the monument. They arrived in the thick of the January 12 fall.

VISITOR Joseph Muench, photographer, visited the Monument on the 23rd. His was a brief visit but he declared plans to return in the spring.

MINOR WORK Much longer time was spent in January on the replacing and the repainting of approach signs.

In accordance with a request from Naturalist Arnberger, tree specimens were collected and forwarded to Mr. Paul Lindgren of Los Angeles, California.

Clifford C. Gaynard,
Acting Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
El Morro National Monument
El Morro, New Mexico
January 27, 1951

Memorandum

To: General Superintendent

From: Superintendent, El Morro

Subject: Monthly Narrative Report

This month, there were 157 visitors to the Monument. This is 207 per cent increase over a year ago. Since September 30th, we have had an average increase of 119 per cent for each month. When word really gets around about our good roads, we are going to be swamped. Twenty-four parties with 91 persons took the trip around the Rock. 74 persons in 29 parties were given orientation talks. No trips were taken over the top of the Rock.

The coolest was 2 below on two occasions and the warmest was a 61 degrees Fahrenheit. Though we only managed .15 of an inch of moisture, we thought we spent all of our time shoveling snow the first part of the month. We wanted it clear so no visitor would slip on the ice. It is a nice surfaced trail, but we had no idea how long the trail was until we got on the business end of a snow shovel. With several snow-shoveling trips to our credit, we are fully acquainted as to its length.

Mentioning snow - one day, we had a blinding snowstorm all day (my day off). Some visitors came up and had a picnic lunch in the storm. Just after lunch we discovered them and they wanted a trip around the Rock, so we put on our galoshes and took them. It was difficult to see three feet in front of one. They were from Grants, 40 miles away!

The CAA man came by early in the month and spent one half day giving our light plants a thorough checking, and putting one back in operation. A few days after he left, though, they really began to "act up". Both were out of commission. We got both to operating again, but now one is down again. A considerable amount of time has been spent on them this month. We glad that

the trouble has developed this time of year and not in the busiest travel season, and hope that we can get them in shape again for next travel season.

However, we may not need them. The big news this month is that the District Representative and three Washington Office men from the REA were out to see us and revived our hopes by stating that we will have REA power by the end of the calendar year unless some unforseen war emergency prevents it!

Our helper, Ed Lopez, took a short vacation in part to see about entering school. We kept fires in his house for a while, but several nights of zero or near zero weather forced me to drain the house. When he returned, we found that when the house was drained, a few drops, evidently, collected in T's and the like and froze several places. The lines were entirely empty except for these places, and it took just a few moments to thaw them when they were located. We had one sweet time finding them. The air pressure held the water away from the places to make them more difficult to find. He stayed only a few days and then left to attend the University in Albuquerque for the spring semester. We wish him good luck and expect him back next summer.

Inventory was taken before the end of the calendar year. A few odd jobs were accomplished such as one sign was rehabilitate and erected at an intersection, some floors were refinished, etc. One trip was taken to town this month, the same last month, to bring back white gasoline for the light plants, propane, one oxygen tank and minor items of supply.

Superintendent and Mrs. Hubbchan were by to see us, but could only stay a few minutes. However, they promised to be back.

Our water supply is getting alarmingly low. The purchase of the adjacent piece of land which has a well on it has not been completed, but even when it is completed, we will have nearly a mile of trench to dig, pipe to lay, etc.

The weather the past few days has been like summer, but a cold wave is predicted for tonight, so we may have some cold weather and lots and lots of snow(we hope so as to fill our water tank) to report next time.

Irving McNeil, Jr.
Superintendent

[illegible]

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Gran Quivira National Monument,
Gran Quivira, New Mexico

January 25, 1951

Memorandum

To: General Superintendent

From: Superintendent, Gran Quivira

Subject: Monthly Narrative Report for January 1951

Weather. Two good snows early this month somewhat alleviated the dry condition that has been with us. Five inches fell on the 1st and another inch and a half on the 11th and totalled .76 inches of precipitation. Average maximum temperatures for the month were in the high forties and minimum temperatures freezing or below.

Visitors. Ranger and Mrs. Francis Elmore of Chaco Canyon visited on the 18th.

Inspections. Les Arnberger, SWNM, spent a half day on the 25th discussing museum and interpretive problems with the Superintendent.

Approach Roads. Both approach roads into the area received some maintenance improvements this month. The Torrance County maintainer spent 5 days grading and filling on Highway 10 from Mountainair, and Socorro County reportedly bladed most of the road from Carrizozo to Claunch. This work followed the heavy snows which halted all travel for a three day period.

Personnel. Janitor Lois Kite and Laborer Doyle Chaney obtained Social Security cards during the month.

The Superintendent took four days annual leave over the holidays.

Maintenance and Rehabilitation. Fifteen pickup loads of fill were removed from the cattleguard at the monument's entrance and used to widen portions of the entrance road. The State Highway grader accommodated us by blading our 3/4 mile of road and pulling the drainage ditches.

Work continued on the utilities project this month and the job is now about 95% completed. The electric motor, magnetic starter, meter, switches, and wiring were installed, and meterial

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

San Juan Island National Historical Park
San Juan Island, San Juan

to complete the work was ordered.

Three loads of water were hauled this month, both vehicles serviced, fire and work tools sharpened, and other routine maintenance performed.

Public Health. Bacteriological reports on both water cisterns were reported negative by the State Public Health Laboratory.

Travel. Travel increased 4% over last year with 102 persons visiting the monument. The Chamber of Commerce in Mountainair reports a slight increase in this year's winter tourist travel and predicts heavy summer visitation during 1951.

Interpretive Services. About two thirds of the monument's visitors used the self guiding pamphlet this month, as the Superintendent was absent from the area for about ten days. Conducted tours were given to 11 parties of 32 persons for an average of 44 minutes per party.

Ray B. Ringenbach,
Superintendent

to complete the work was started.

Three lines of water mains limited this month, both vehicles serviced, five new fire hydrants, and eight service connections installed.

Public Health. Bacteriological reports on both water systems were reported negative by the state public health laboratory.

Trash. Trash increased 42 over last year with 112 persons visiting the dumpsite. The director of Commerce is considering repairs & alight improvements in this year's winter budget level and consider being another activity during 1970.

Immunization Programs. Chief von Krohn of the community's clinic have the soil pollution problem this month, as the campaignmanagers was issued from the area for about two days. Immunized twelve dogs given to 12 people of 50 persons for an income of $2 during the month.

Joe D. Brownbeck,
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

GREAT SAND DUNES NATIONAL MONUMENT
Alamosa, Colorado

January 25, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Great Sand Dunes

Subject: Superintendent's Narrative Report for January, 1951

Weather Conditions

Winter almost refuses to come to the San Luis Valley and January weather has been mild and delightful for this time of year. Outside work has been feasible almost any day as the maximum temperature recorded was 53 on January 23. The lowest minimum temperature was 1 above zero on January 7 and 14 and the highest was 28 on January 19 and 24.

Unfortunately, such mild weather is concomitant with little or no precipitation. We had 0.25 inches of moisture in the form of 3.4 inches of snow which has long since melted or evaporated. All the business men in the valley are quite concerned and a Pasadena, California snow making corporation headed by Dr. Irving P. Krick has been contracted by the commissioners of Alamosa, Conejos, Costilla, Rio Grande, and Saguache Counties.

Special Activities

An unofficial trip was made to Santa Fe on January 23 to get advice on administrative problems and completion of the rehabilitation program. That one day in the Region Three Office will save me much time later.

The Alamosa Kiwanis Club has appointed me chairman of their Agriculture and Conservation Committee for 1951.

Rehabilitation

The concrete cinder blocks for the patio wall have been purchased and brought to the monument. The old wall has been razed and the tool shed will be moved this next month so that work can be started on the wall proper as soon as freezing weather is over.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

GREAT SAND DUNES NATIONAL MONUMENT
Alamosa, Colorado

January 26, 1943

Superintendent

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Great Sand Dunes

Subject: Superintendent's Narrative Report for January, 1943

Weather Conditions

Fairly almost perfect in some in the Rio Grande Valley and January weather has been well and delightful for this time of year. Outside snow has been freezing almost any day on the maximum temperature recorded was 62 on January 22. The lowest minimum temperature was 1 degree zero on January 7 and 14 and the highest was 58 on January 13 and 24.

Unfortunately, such mild weather is accompanied with little or no precipitation. We had 0.88 inches of moisture in the form of 8.4 inches of snow which has long since melted or evaporated. All the features that is the valley are quite evaporated and a Paradise. Facilities are mainly improvements handed by Mr. Irvine F. Hyde has been instructed by the commissioner of Alamosa, Conejos, Costilla, Rio Grande, and Huerfano Counties.

Social Activities

An unofficial trip was made to Denver on January 21 to get advice on administrative problems and implications of the rehabilitation program. This was up in the Rocky Mountain Office with more to come time later.

The Alamosa Lions Club has appointed to ~~the~~ chairmen of their Agriculture and Conservation Committee for 1943.

Rehabilitation

The Interior Crater Lands for the wells will have been purchased and brought to the monument. The oil well has been rented and the hole when will be moved this late month so that work can be started on the well proper as soon as freezing weather is over.

The kitchen walls were given two coats of enamel during the month. The woodwork will not be refinished until new cupboard doors are received to replace the badly warped ones. These will be received in February. The Region Three Office is now placing an order for asphalt tile for the floors which will save us a third over all the local quotations for the same tile.

The bathroom lavatory, which had been cracked for some time, was replaced by a new one.

The storm sash has been partly installed. Some of it has not yet been received but notice was received yesterday that it is now available in Alamosa. The installation of the sash has been difficult and slow due to the irregularity and odd size of the casements.

Maintenance

Maintenance again consisted mostly of the routine jobs. The ignition systems of the light plants were again adjusted and new points installed. Thus far this fiscal year, only one plant has been taken to Heide Motor for work and that job consisted only of the installation of a new timing gear.

Almost a day was spent in a futile effort to open up the drain on the laundry tubs in the service porch. These have not worked since my arrival and I doubt if they ever were in service.

Interpretive Service

Slide talks on "Desert Reptiles" were given to the Alamosa Rotary Club on January 5 and Alamosa Lions Club on January 17.

Research and Observation

The plant observation section of the fact file was set up during the month although much work remains to be done.

The January observation that deer have not yet come down from the high country bears repeating. One of my days off was spent on upper Medano Creek above the monument with a party of would-be lion hunters and at that time several deer and a great deal of sign were seen on the exposed mountainsides at 10000 feet altitude and higher. Almost no evidence of deer is found down in the monument.

The few weather records which have been returned from the Weather Bureau since we began observations in September indicate that the range of temperature here is much less than out in the valley. The average minimum temperature for October was exactly 10 degrees higher at the Great Sand Dunes (37.2) than it was at the Alamosa Airport although our average maximum (68.7) was 3 degrees lower.

The kitchen walls were given two coats of enamel during the month. The washing of all but the refrigerator walls was completed and are required to replace the badly warped ones. These will be received in February. The Engine Room Office is now placing an order for asphalt tile for the floors which will come to a third over all the total quantities for the same tile.

The battery factory, which had been created for some time, was replaced by a new one.

The plan book has been partly installed. Some of it has not yet been received but notice was received yesterday that it is now available in Lisbon. The installation of the book has been difficult and also due to the irregularity and age of the assembly.

Maintenance

Maintenance again completed nearly of the routine jobs. The lighting system of the light plants were again adjusted and new points installed. This the Nice Travel year, only one plant has been in Delta since its work and that job completed only of the installation of a new fitting plant.

Almost a day one spent in a futile effort to clean up the front on the harbor fish in the service yards. These have not varied since my arrival and I doubt if they ever were in service.

Laboratory Service

Like this on Thirty Original was given to the director Botany Club on January 5 and always Lists fish on January 17.

Science and Observation

The plant observation section of the Fish Club was set up during the month although much over planning is to date.

The Science observations that have been all put down from the high mobility force recording. One of my duty off was spent on upper Kaiser Island above the monument with a party of specialist from Bahiers and at that time several low and a great deal of algae was on the exposed mountainsides at 12000 feet elevation and higher. Almost no evidence of bear is found down in the mountains.

The few weather reports which have been returned from the Valdez Bureau show no light observations in Lombardy Valleys that the Cos range of mountains into a most late from lost in the valley. The average minimum temperature in Lombardy was usually 30 degrees higher at the Cook Base Camp (17.3) than it was at the Alaska airport although our average maximum (32.7) was 2 degrees lower.

Light Fast Drop Tail, Inc.

Decrease in Travel

The decrease in visitation continued in spite of the mild weather. The 207 visitors this year (359 last January) gives us 2027 for the travel year. One of these visitors was a hiker who stayed overnight at the campground.

Ranger Service

The gate in the fence below the George White property was left open sometime last week and the horses from above on Medano Creek came down into the monument. I chased them back above the fence with the wife's help and closed both that gate and another one left open at the same time. I was truly thankful to have my little pony handy to use on this occasion.

The Director has granted me permission to accept a deputy game warden's commission from the State of Colorado. This will help me take care of enforcement problems locally.

(SIGNED)

Glen T. Bean
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Montezuma Castle National Monument
Camp Verde, Arizona

January 25, 1951

Memorandum

To: General Superintendent

From: Superintendent, Montezuma Castle

Subject: Monthly narrative report, January 1951

Weather: From our viewpoint it has been excellent with warm, sunny days and crisp bright nights. Day temperatures have ranged from the mid 50's into the 70's. Night temperatures generally have been in the high 20's, although on a few occasions the mercury dropped to 10 and 15 degrees. Theonly precipitation was welcomed in by the New Year, but only a scant .2 of an inch. Fairly heavy snow in the surrounding high country did not reach the Valley. As far as ranchers are concerned, increasingly serious drouth conditions prevail.

Travel: Weather conditions, undoubtedly coupled with other factors, have helped to keep a steady pace of traffic into the area. While it fell off somewhat from last month, it nevertheless represents approximately a 20 per cent increase over this same period last year. Visitors numbering 1698, arriving in 523 cars visited the Monument. This breaks down into 1353 visitors and 403 cars for the Castle; and 345 visitors and 120 cars for the Well.

Interpretation: During the period, 276 persons were guided on 92 tours through the Castle; an average of 3 persons per tour. This means, of course, that on many trips only one or two visitors were conducted.

At the Castle, 1,300 persons visited the museum; 500 who did not take the guided trip received interpretive talks; and 1,000 toured the Sycamore Trail. At the Well, 61 persons visited the museum during the 39 hours it was open, and 345 toured the Well Loop Trail. Because of the unattended periods at the Well, the latter figures may well be too low.

Henry H. Collins Jr. forwarded to us for comment his manuscript on the proposed booklet, "Birds of Montezuma Castle." We regarded it as a highly commendable job, particularly in its treatment of the Monument's bird-life. For reasons of conformation to policy, one section was rewritten and various minor revisions suggested.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Jackson Hole National Monument
Moran, Wyoming

JANUARY 20, 1953

Memorandum

To: Superintendent Hartzog

From: Superintendent, Jackson Hole

Subject: Spring monthly report, January 1953

Weather: From our standpoint it has been exceedingly mild, very mild for this height of winter. The temperature has varied from the mid 40's down to zero. Night temperatures generally have been in the vicinity 10°F, with only one or two nights the mercury dropped to 20 and 30 degrees. Usually considerable sun was enjoyed in the day time, but there's snow, 18" on the level. Heavy snow has fallen in the surrounding high country all back toward the Tetons. In the st pleasants are snowed, throughout various areas which necessitate travel.

Travel: Travel conditions, particularly insofar as the Park is concerned, have been quite a steady pace of traffic into the area. Only a few cars have entered from Jackson Hole, but a good number from the Idaho side. Yellowstone experienced approximately a 40 per cent increase over this week period last year. Visitors registered 2202, including in the area visitors for tomorrow. This brings down some 1202 visitors and all ever for the Jackson's. All stations and 117 more for the Park.

Information: During the period, 273 persons were counted as at least through the station or average of 2 persons per car. This number, of course, that on many occasions only one in the station were considered.

As the Park, 1,800 including visitor the museum, 200 who do not take the guided hike exercise interpretive talks, and 1,600 have gone to Jackson Hole. At the Park, 21 persons visited the museum during the 12 hours it was open, and 200 toured the Park. Only Park, because of the unfavorable weather at the Park, the latter visitors are well in the lead.

Study 5, Section 21, Executive Order in the Department the management of the Jackson Hole, Office of Business Service." It permits it as a fairly commodious and conducive to the development of the Department's responsibilities. For reasons of convenience to public, the building was constructed and maintain visitors exclusively.

Publicity: Publicizing points of outstanding interest in Arizona, photographs of Montezuma Castle, along with Grand Canyon, Chiricahua, and Tumacacori appeared in "Arizona on Parade." This excellently done booklet was sold as a souvenir by the Kiwanis Club at the Salad Bowl football game, Phoenix, January 1, 1951, which the Club sponsored. Distribution amounted to several thousand.

Vandalism: The first case of vandalism in several years occurred sometime during the night of December 24. The following morning it was discovered the metal flag pole had been pulled down and broken. The rope and fixtures were missing. The large sign reading "Cats and dogs must be kept on leash or in car" had been ripped off its mount at the head of the trail leading to the Castle. It, too, had been stolen.

Maintenance and Construction: Even with a steady flow of visitors, a number of needed maintenance jobs were completed. Finishing touches were put on the pump house, and it was painted. Other painting jobs included the rear alcove of the museum, the window frames, doors and screens of the museum; and the bedrooms of Residence No. 2. The pit toilet structures were repaired and the campground given an intensive policing.

Signs: Archeologist White availed himself of facilities at Tuzigoot to make number signs for the self-guided trails both at the Castle and the Well. Included were directional and museum signs for the Well. The motion picture company that worked here last fall left some pole ladders which had been artistically antiqued. Sawed into suitable lengths they will serve as harmonious mounts for the trail numbers. Among the sign jobs was a survey made of those at the Monument entrance. Recommendations for changes were forwarded to the Regional Office.

JOHN C. COOK

John C. Cook
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Navajo National Monument
Tonalea, Arizona

January 25,1951

Memorandum

To: General Superintendent

From: Superintendent, Navajo

Subject: Monthly Narrative Report, lml, January 1951

Weather: We have had two snow storms (January 1 and 12) during this report period which collectively produced approximately one inch of moisture.

Roads: Most of the approach roads are in good condition, having been recently graded. Our own roads need attention but we have no gasoline for our grader.

General: The development outline for the Master Plan for Navajo was re-written and submitted. More work on the photographic files was accomplished. The furnace was given a cleaning. Three weeks accumulated correspondence was answered and filed.

We are still waiting for the truck load of gasoline that was ordered December 12, 1950.

Visitation: There were four visitors this month,traveling in one automobile.

Publicity: Navajo National Monument obtained some good publicity January 17,1951, from radio station KTAR, Phoenix, Arizona. The radio station broadcast the story of Pipeline, one of the Navajo Indians who guides horseback parties to Keet Seel, and how he got his name. The story was taken from the "Pipeliner" Magazine.

Personnel: The superintendent was on annual leave through January 11.

Seasonal Ranger Seth Thomas Bigman has accepted the position of Boys Adviser at the Shonto Indian Service School. He may still be available for seasonal work in the summer.

John A. Aubuchon
Superintendent

Lewis Building Bureau
Topeka, Indiana

January 21,1910

Secretary

To: General Superintendent

From: Superintendent, Lewis

Subject: Monthly Operations Report, 1st, January 1910

Production: We have had two more fires (January 1 and 18) during this report period which unfortunately reduced approximately the last of machinery.

Sales: Most of the equipment trade life is good production, however, two industry periods, the one which very slowness did we have to sacrifice for our crews.

Equipment: The installment utility for the Essex Plan for Lewis was completed and submitted. More work on the photographic film was accomplished. The frames are above a quarter. Three tools delivered and correspondence was answered and filed.

On its until against for the first half of January that was quarter December 16, 1909.

Relations: There were four injuries this month,resulting in one suspension.

Politics: Lewis was four injuries this month,resulting in one suspension.

Politics: Lewis, National economic situation since year politics January 21,1910, from radio station KDZA, Pittsburg, Pa. (with station manager the story of Pittsburg, one of the speeds indices who public information particle is lost itself, and how to get its story. The story was taken from the "Pittsburg" Magazine.

Personnel: The superintendent was on annual leave through January 21. Assistant Sales Jack Turner filled his position the position of Lewis Assistant at the Lewis Indian Service School. We may still be available for national work in the summer.

John L. Andrews
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Organ Pipe Cactus

Ajo, Arizona

January 25, 1951

Memorandum

To: General Superintendent

From: Superintendent

Subject: Monthly Narrative Report lml for January 1951

Weather

This month brought our cold weather for the season with a high of 83° on January 24 and a low of 25° on January 2. An average of daylight temperatures would come in the high 80's with night recordings falling in the mid 30's. Rain, with small amounts of hail and sleet, came and broke, for a short time, our dry spell bringing .65 of an inch of precipitation. Snow appeared in the Ajo Mountains twice during this period.

Special Activities

The Superintendent journeyed to Phoenix on January 2 and 3 to meet Communications Engineers Rowley and McFadden. Under their supervision our FM radio survey for intra-area communication was set-up, conducted, and completed. Radio equipment needs for the new installation were determined and we now await the issuance of bids and the letting of contracts.

The annual inventory of all non and semi-expendable equipment was completed and appropriate board of survey forms were prepared.

Co-operating Government Agencies

The Bureau of Animal Industry camp, for which a recent permit has been approved, is in the process of being established at monument headquarters. The present outlay includes three frame buildings which have been hauled in from other locations along the border. It appears likely we shall add three families, at least temporarily, to the population at Organ Pipe Cactus.

With the assistance of various of the local Bureau of Animal Industry personnel the monument staff pulled the old 2" drop pipe from the water well and replaced it with new 3" pipe, steel sucker rod, cylinder, and 3 h.p. electric motor. It now requires but a half to two thirds of the former pumping time

to fill our tank. Too, our system is now more adaptable for future developments.

Maintenance

The Bureau of Animal Industry has loaned us a bulldozer which is currently being used in improving minor roads and wash crossings. It is hoped, with the help of this equipment, to put what is at present a scarcely passable loop road into passable condition for the use of visitor passenger cars. This will give us ready access to a very interesting and scenic portion of the area.

Travel

Visitor use has doubled itself this period. While contact totals show slightly less than double the campground use has more than doubled with a high of 36 campers making use of the grounds at one time. An average of 21 campers were with us each day this month. This month's camp use and resulting crowded conditions clearly indicate the inadequacy of the present facilities.

Accidents

On January 17 Ranger Steele received a painful injury to his left hand while working with the crew on the well improvement. Two fingers were badly mashed and cut when they were caught in the lower block while pulling the drop pipe.

On December 29 a pick-up towing a boat overturned 8 miles north of headquarters.

On December 31 a cow was struck and killed on the through the monument highway.

Visitors

Chief Ranger and Mrs. Barton Herschler of Rocky Mountain National Park on January 19 and 20.

Photographer Joseph Muench on January 17 and 18. Mr. Muench presented an illustrated lecture at headquarters the evening of the 18th for the campers.

William R. Supernaugh
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Saguaro National Monument
Tucson, Arizona

January 25, 1951

Memorandum

To: General Superintendent

From: Superintendent, Saguaro

Subject: Monthly Report, January 1951

General

Two storms during the month brought much needed precipitation to this area in general, however, because of extreme dry conditions, all of the moisture was absorbed by the parched soil and principal streams have not begun to flow. Thus, for the second month, it has been necessary to haul all water for both domestic use and for stock to the Pack Base.

A group of Southeastern Arizona ranchers headed by former Ambassador Lewis Douglas has contracted for rain-making operations with the Water Resources Development Corporation of Pasadena Calif. In the first two storms of January precipitation recorded in cities in the target area was double that of stations in other parts of the state. This is an encouraging note for Saguaro especially in the summer rainy season when so many moisture laden clouds are present but do not always deposit their moisture on the ground. We hope that the rain-makers can "milk" clouds of this sort to increase precipitation.

Travel to the Monument has been brisk throughout the month except during stormy periods and another all time travel record for Saguaro National Monument was established for January.

Temperatures for the month ranged from a minimum of 31° to a maximum of 74°.

Special Activities

Lowell Sumner, Biologist from Region 4, arrived on schedule and has been engaged in a study of wildlife resources of Saguaro National Monument, with particular emphasis on predators and their relation to other wildlife types.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Yellowstone National Park
Yellowstone, Wyoming

January 20, 1961

Memorandum

To: Superintendent

From: Superintendent, Yellowstone

Subject: Annual Report, Calendar Year 1960

Gentlemen:

The winter during the early January and several preliminaries to this report was in progress, however, because of various day activities, all of the statistics not checked by the grooms will be included elsewhere here and begin on time. Thus, for the second month, it has been necessary to look all water for less desirable are not for which to the year here.

A group of Yellowstone National Park employees headed by Ranger Lawrence Lewis Douglas has activated for relocation injunction with the Park Service Development Commission of Canadian Parks. In the first the action of Canadian participation involved in action in the Canadian also has a basic idea of changing in other parts of the state. This is an interesting with the Canadian experiment in the Canadian Rocky Park Park so long marking Lake Clark are jumped and do not always fundamental in the process. In June the the Rocky-Rocky was Park state of this work as Canadian Park-Lake.

Travel in the Canadian are been also increased the media usage during Canadian Jasper and Banff. It also Canadian visited the Canadian Canadian Canadian was established for Canada.

Temperatures for the month ranged from a minimum of 22° to a maximum of 48°.

Special Activities

Lewis Douglas, Ranger from Regina A, visited in Yellowstone and his best assigned in a study of relative importance of Canadian National monument, with particular emphasis on practices and Canadian relative to Canadian activities/programs.

During the month, he gave four excellent lectures on Service areas illustrated with Kodachrome slides before civic groups in Tucson. These lectures were very well received as was indicated by members of his audiences who came forward at the conclusion and were profuse in expressing their appreciation.

It is felt in this office that Mr. Sumner's talks have contributed greatly to a better understanding of Service policies and will, no doubt, help to promote better relations with local citizens particularly in the field of wildlife.

General Superintendent Davis made an official visit to the area on January 7.

Publicity

On January 11, 1951 over radio station KVOA, Tucson, a portion of a travel program sponsored by the Pacific Greyhound Lines was devoted to the giant cacti of Saguaro National Monument. Instructions as to how to reach the area were also included.

Status of Private Lands

The proposed Saguaro land exchange suffered a set-back during the month when the Arizona Land Commission mis-laid the list of public domain lands offered for exchange by the Bureau of Land Management. State Land Commissioner Lane was extremely sorry about this and agreed to assign one man of his department to make tentative appraisals of these federal lands. A pseudo-agreement should be forthcoming in the next two or three months.

Maintenance

All major maintenance was devoted to Monument roads in January. Maintenanceman Barney has been building up the tread material on the Madrona Ranger Station approach while Laborer-leadman Stansberry spent most of his time grading the Cactus Forest Looproad. The latter road is now in good condition and the high moisture content of the soil plus heavy travel should aid in packing it down.

New Construction

The Madrona Ranger Station Bedroom Addition work this month was devoted almost entirely to painting and clean-up. As of this date $2252.43 has been expended leaving a balance of $147,57.

[illegible]

[illegible]

[illegible]

Approaches to Park Area

The Broadway approach road was bladed twice in the preceding month. At this writing, the road is in fair condition. The two storms have settled the dust on this road which diminishes the visitor complaints.

Construction seems to have halted on the "Old Spanish Trail" approach road. Whether this is a permanent work stoppage cannot be determined as yet. Much construction work is suffering by a shortage of materials in this emergency period. The roadway has been brushed out through to the west boundary of the Monument.

Cooperating Government Agencies

Biologist Lowell Sumner reports that the University of Arizona has been very cooperative in providing him with laboratory and library facilities. Several University biology professors have become interested in Mr. Sumner's study and have accompanied him during periods of his investigation.

Interpretive Services

A total of 2,380 persons in 785 parties were given interpretive service at headquarters. This amounted to a total of 168 hours for an average of 13 minutes per party.

Accessions

During the month, the clutch and pilot bearing of the Galion grader burned out thus making it impossible to take the machine to town for repairs. Qualified repair shops in Tucson were phlegmatic about sending a mechanic to the monument. Laborer-leadman Stansberry accomplished this work at a great saving of time and at about one-half the cost of a repair man.

Museum Activities

New labels were made, using the Leroy Lettering Set, for all exhibits in the arboretum. All labels were then water-proofed.

A new section to the arboretum at headquarters is at present under construction. This new annex will contain specimens of desert plants and wildflowers other than cacti. Rangers are working in their spare hours(which are very few) toward its completion.

Increase in Travel

A total of 4,976 persons visited Saguaro National Monument in January. This represents an increase of 2,687 visitors as compared to last month, and an increase of 917 visitors over the corresponding month one year ago.

Innovations in Tech Jobs

The industry expected that the flatter basis of the knowledge model, if this survive, the risk is in fair condition. The new figures have yielded the first on data that which illuminates the flatter relationship.

Technologists seem to have helped on the "old-school-tech" economy that, instead this is a necessary work especially behind in structured to fit. This distinction only is activating to a review age of economics in this knowledge problem. The industry has taken treated the flatter is the best breakdown of the industry.

Increasing Investment Interest

Historical issues common because and the technology of helping has been very successful in providing the job industry and flatter functions. Overall internally studied productivity that because achievable in the industry which and have commercial job-taking values of all investigations.

Transportation Problem

A total of 6.5% increase in 2000, putting more jobs into transportation related to manufacturing. This accounted a total of 2.8% than the 1 average of 1.5% economic jobs only.

Industries

Early 80s norms, the finding and also higher of the values average flatter and the having of innovation to work has helping to have the problem. Multiple impact theory is practice more significantly than working a business in the research. Industrialization technology accomplished this year is a great period of also and in other work half the time of a market work.

Jobs Activities

The jobs work jobs, using the jobs increasing and, for all activities in the economies. All jobs work that relationship.

Jobs working in the workweek of development is of growth which increasing. This the about will website expanding of level jobs and additionally jobs that high. Changes job working in high state investigation job and that having the employing.

Increase in Trades

A total of 1.5% jobs visited increase building jobs increase in industry. This increasing on increase of 2.8% visiting in employed to have worth, and in industry of 1.5% visiting over the economy. Making about job that jobs.

Visitors

Dec. 27- Adeline Grabber, Tucson, Arizona.
" 28- Supt. John O. Cook and family, Montezuma Castle Nat. Mon.
29- Scoutmaster Canyon and seven scouts of Troop 32, Tucson, Arizona hike to Manning Camp.
Jan. 2- Lowell Sumner, Biologist, Region Four, San Francisco, Cal.
" 4- Ranger Paul Steele and family, Petrified Forest Nat. Mon.
" 12- Mr. Walter F. Loewhing, Dean of Graduate School, Iowa State University.
" 16- Mr. Emerson C. Scholer, architect, Tucson, Arizona.
" 18- Mr. and Mrs. Henry Deadahl, Santa Fe, New Mexico.
" 19- Dr. and Mrs. Juan Fonseca, Catholic University, Havana Cuba.
" 19- Miss Lyla Haines, Yellowstone Picture Shops.

Ranger Service

Seasonal Ranger Wendell A. Bryce reported for duty on January 7, 1951. Mr. Bryce served three summers as a Fire Control Aid for the U.S. Forest Service and was employed as a ranger at Bryce Canyon Nat. Park last summer. It is a pleasure to welcome Mr. Bryce to our organization.

Marvin H. (alias "Pop") Frost entered on duty January 7, as W.A.E. Guide. "Pop" is always a welcome addition to Saguaro.

Personnel

Trail Laborer Arthur P. Garcia was terminated January 2, 1951. We plan to hire Mr. Garcia back in the Spring when the snows melt on the Rincons.

Samuel A. King
Superintendent

Tonto National Monument
Roosevelt, Arizona

January 26, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Tonto

Subject: Narrative Report, Tonto, January 1951

Weather: Still warm and dry, with new records for hot days in January. Was 71° at Tonto on the 28th. One good rain on January 12, and some snow. There is very little snow in the watersheds around here, the lake is nearly dry, and little prospect of a good run-off so far.

Approach Roads. The rain enabled the State to smooth up its roads considerably, and the Apache Trail is temporarily in good condition. State Maintenance man Ab Sanders bladed the Tonto road this month.

Visitors. Mr. and Mrs. Henry Viklund, to spend a weekend with seasonal Ranger Robert Viklund.
Mr. Raymond Briest and family, of the Lions Club, Phoenix.

Powerplants. A light power line was constructed from the museum down to the utility area, and the power plants all put under a shed there. Seems to work all right, and clears up the residence area a little more. Considerable valuable time was used to keep one plant running, and only one is running.

Travel. The January travel received a good boost from the Lions Apache Trail cavalcade on January 21, when about 300 visitors were here, counting about 130 not with the Lions.
Total for the month was 2458, compared with 2774 for January last year. Since last years Lions Trek was in February, an actual decrease of about 20 per cent is indicated.

Public Relations. Supt. Sharp made a trip to Phoenix the afternoon of January 18 to attend a Lions Club meeting and give a talk on Tonto National Monument. Phoenix papers carried a good write-up of the Cavalcade on January 21.
A talk to the Globe Lions Club is tentatively scheduled sometime next month.

Dons Cavalcade. The annual stop of the Dons Trek at Monte was accomplished this year in a much more orderly and convenient fashion, due to the adequate parking area. About 30 cars and 5 Greyhound busses came in at one time, in addition to the regular day travel. The Dons and Donas, in fiesta costume, were hosts to about 350 people, and greatly helped us in giving service to the group. Supt. Sharp briefed the crowd over the P.A. system, and archaeologist Pierson led about 200 visitors up the trail to the cliff dwelling. Pierson and Ranger Viklund were on duty in the ruin, along with half a dozen boys. TAT Guide Cosner helped out at headquarters. For a while it remindd me of old times at Carlsbad.

General. Ranger Viklund has the nature trail equipment ready to go, including a desk for leaflets, enamel display stands, and numbered stakes.

Some trail work was done after the rain. Considerable time was spent on power plants as usual. Maintenance, heavy travel, reports, red tape, and interpretive work have kept us busy, with a lot more to do.

Special Reports. A rather complete pictorial report for the Engineers, on the parking area job, was started when we finally got more of our pictures back. This is made up in draft stage, but will be delayed a few days by other work.

Radio. The radio has worked well for a long time, but is beginning increasingly unsatisfactory because of the overcrowded SSB channel. We can get music, Morse code, lessons in Spanish, and everything but the National Park Service stations.

Charles C. Sharp
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Tumacacori National Monument
Tumacacori, Arizona

January 25, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Acting Superintendent, Tumacacori

Subject: Superintendent's Monthly Narrative Report for January, 1951

Weather: Temperatures this month ranged from a maximum of 76 degrees on January 24 to a minimum of 20 degrees on January 2. The precipitation this month was double the average for January of the last thirteen years, being 1.50 inches. This consisted of both rain and snow. On December 31, 1950 high winds blew down another big clump of cactus out along the mission trail.

Credit for the precipitation is being claimed by the Water Resource Development Corporation, a private organization engaged in "rain-making" here in southern Arizona. We don't know who to thank, the Corporation or Mother Nature, for our precipitation, the first of any consequence since last August.

The total precipitation for 1950 was only 8.39 inches as compared with 12.99 inches, the average for the past twelve years.

Visitor Travel: Travel this month was a little higher than January travel of last year but not as high as the travel for January 1948. A total of 3,626 visitors came to the monument this month. This compares with 3,614 for January 1950, and 4,065 for January 1948. This is the first month since last June that has not broken all previous travel records for the respective periods.

Interpretive Service: Of the 3, 626 visitors to the area, 1,632 went on the 262 guided trips that went through the mission church and grounds. The average trip took 35.53 minutes. 3,535 persons received combined Information and Interpretation Service and 3,510 persons saw the museum and patio garden.

Visitors: Among those who visited the area were:

12/26 - Superintendent and Mrs. Sam King and party, of Saguaro Nat'l Mon't.
1/1/51- Maintenanceman Ollie Barney of Saguaro National Monument.
1/2 - John Scott Trot , Santa Monica. His orchestra provides music for Bing Crosby program.
1/3 - Ranger and Mrs. Forrest Benson and daughter of Saguaro Nat'l Mon't, and Supervisory Ranger and Mrs. Paul Steel and daughters of Petrified Forest National Monument.

1/4/51- Charles Van Ravenswaay, Director Missouri Historical Society, St. Louis, Missouri.

1/22/51-John Thurston, Deputy Administrator, Federal Security Agency, Washington, D.C.; Dr. Heber Harper, Regional Director, Federal Security Agency, Denver, Colorado; James Doarn, Regional Director Federal Security Agency, Kansas City; and Fay W. Hunter, Regional Director, Federal Security Agency, San Francisco.

1/23/51-Mr. and Mrs. Henry Dendahl, Santa Fe, New Mexico. Friends of the Park Service.

Cooperating Agencies: On January 3 Bob, Blakely of the Arizona Highway Sign Shop was contacted concerning signs needed on the highway in front of the monument. Today, he let us know that the signs are being made and we should have them in two or three weeks. These signs will be black and white, with six inch letters. Two saying "Tumacacori National Monument - 1 mile" and two saying "Tumacacori National Monument - 1500 feet."

Museum and Education: Our plans for the Patio Garden "Nature Trail" are coming right along. The leaflet has been written and sent in to the Regional Office for mimeographing. The stakes are about ready, and as soon as we get the mimeographed sheets we will install the stakes and see how it works.

Maintenance: Routine maintenance was kept current. The east gate to Patio Garden was repaired and a new gate for the east Monument boundary was made. More Bondex work on the museum was done including the painting of the roof drains. A section of the brick walk in front of the museum was given a coat of Duocrex. Several of the bricks in the floor of the museum lobby were badly worn necessitating a floor patching job. Felt stripping has been placed around access boards above ~~the~~ some museum display cases to stop light leaks. The large Thunderbird sign, on the highway directly in front of the museum, was removed. The few people who noticed the sign would stop on the highway to read it, since there was no turn-off, and this was a bad safety feature. A new sign has been drafted to incorporate the information from this sign and the sign in front of the museum into one large sign in front of the museum. The windows in the mission were cleaned and there was a general clean-up of the mission grounds.

A good part of the maintenance work this month was on behalf of the plants on the monument, both in the patio garden and in the rest of the monument area. Irrigation basins around most of the trees on the monument were enlarged and compost was added. A tree (Prunus caroliniana) was purchased and planted just west of the Ranger's residence, in place of the dead Chinaberry tree. The Superintendent and HSMP spent a good day working in the patio garden pruning and fixing up the garden.

Accidents: On December 26, Orozco got a fleck of paint in his eye and was taken to the Doctor in Nogales to have it removed. He was back at work the next morning.

Earl Jackson
Superintendent

Mark Twain
Signature:

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

TUZIGOOT NATIONAL MONUMENT

CLARKDALE, ARIZONA

January 25, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Tuzigoot

Subject: Report 1ml, January 1951

There follows a report of activities in this area.

TRAVEL

900 visitors in 283 cars. 829 visitors in 261 parties were contacted and oriented in the Museum. 823 visitors in 262 parties made the trip thru the ruins. This is the first month of the 1951 Travel Year which shows an increase over 1950, and may be attributed to unusually warm January weather, with all approaches free from snow thus far. Total number of visitors for January of last year was 801.

N.P.S. VISITORS

Mr. and Mrs. Francis Elmore of Chaco Canyon National Monument on a "busman's" holiday, December 30.

Mr. Art White, Archeologist, Montezuma Well, on January 4, and again on the 10th, 12th, and 13th, using our sign shop to rout signs for his area.

Superintendents and Mesdames Hastings and Bright, Walnut Canyon and Canyon de Chelly respectively, on January 10, accompanied by Mrs. Bright's sister, Miss Barbara Hunt, of New York and Phoenix.

Former Ranger, Myron Sutton (G.C.N.P.) on the 15th, enroute to Ft. Meyers, Va.

REPORTWORTHY VISITORS

Allen C. Reed, Photographer, Phoenix, on December 26.

Mr. Klaus Vollmer, Berlin, Germany, and Mr. Werner Libsch, Munich, Germany, two Foreign Exchange students attending Stanford University, on December 29.

Two Swiss students in the U.S. on Fellowships at the Frank Lloyd Wright School of Architecture, Phoenix, on January 24: Fritz Stuckey, Zurich, Switzerland, and Peter Steiger, Zug, Switzerland.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Everglades National Monument

Gladesville, Florida

January 20, 1951

MEMORANDUM

To: General Superintendent, Southeastern National Monuments.

From: Superintendent, Tolland.

Subject: Report 1951, January 1951.

There follows a report of activities in this area.

Visitors.

Six visitors in 1951 were. 1951 visitors in 1951 parties were conducted and attended in 1951 towns. 1951 visitors in 1951 parties were the only ones the years. This is the first month of the 1951 travel year which ended at January over 1950, but may be attributed to unusually warm January weather, with all approaches from four more than 1950. Total number of visitors for January of last year was 1951.

L.E.E. Visitors

Mr. and Mrs. Frank Tinney of Cross Creek National Monument on a "Honeymoon" trip, January 20.

Mr. and Mrs. Lowenstein, Jacksonville, on January 4, and again on the 10th, 12th, and 17th, using our cabin to two days for his area.

Motorcycles and Bicycles Bicycles and Motors, Tolland Bryan and Tayon de Smith respectively, on January 18, accompanied by Mr. Smith's sister, Miss Barbara Smith, of New York and Toronto.

Power Boaters. Upper Boaters (P.C.B.P.) on the 12th, accompanied by Mr. Bryant, Mr.

Conservation Visitors

Miss C. Ward, Conservator, Toronto, on December 19.

Mr. Elton Tolmer, Berlin, Germany, and Dr. Werner Ulbert, Bonn, Germany, two foreign conservation officials, Southern University, on December 19.

The Edie students in the U.S. on fellowships as the first class Bright Tunnel of Institutions, Toronto, on Monday, Mr. Bill Bunker, Perth, Ontario, and Peter Bright, Mr. Bettinglass.

OTHER FEDERAL AGENCY VISITORS

Mr. Ralph James, U.S. Forest Service, Stanford, California, on January 5.

Mr. Howard Weindel, U.S. Public Health Service, Denver, Colorado, on January 17, enroute as an instructor in a training school for sanitarians and food handlers to be conducted in Phoenix.

IMPROVEMENTS

The unsightly cobblestone-lined drainage ditch in front of the Museum was removed, as approved by Regional Landscape Architect Miller.

The furnace in the office, heretofore a black color, was painted aluminum, enhancing the appearance of the office.

Salvaged plate glass was installed in two Museum doors replacing corrugated paper. Door stops were fastened to prevent further breakage by wind slamming.

Two faulty light switches were replaced. Two switches were installed to control illumination in the Men's Room.

A Romex line was installed to bring convenience outlets to the kitchen.

The butane installation was corrected and the supply line is now buried in a 12-inch trench to the new location of the metal cabinet.

Old laboratory shelving was torn out of the office and the walls were patched and repainted.

A small wood/coal burning space heater was set up in the garage-shop to provide enough heat to use the building as a sign shop. Ranger Art White set up the stove and then routed a goodly number of signs for Montezuma Castle and Montezuma Well.

The drinking fountain in the Museum was repaired and heigth of flow adjusted.

The Women's Room was repainted, and instead of repainting the cement floor after it had been broken up to reach the sewer line to connect plumbing for the Men's Room, the floor was smoothed and covered with a mottled yellow asphalt tile.

NEW CONSTRUCTION

The Men's Room was partitioned and plastered, utilizing 2" by 4" studs, fireproof Rocklath and Perlite plaster. Seal coat and Palm green paint was applied to the walls. Finish plumbing was installed; also a toilet, toilet tank, floor length urinal, lavatory, paper rack, towel rack, and mirror. Into the 20" by 4' space extending to the ceiling adjacent to the chimney was constructed a storage cabinet for sanitary supplies and equipment.

NATURAL HISTORY

A Gambel Quail (adult male), killed on the highway by a motorist,

was collected by the Superintendent and prepared as a study skin by M. A. Wetherill. Adding this skin to our wildlife collection now brings the total up to one.

J. W. Brewer Jr

J. W. Brewer, Jr.
Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Walnut Canyon National Monument
Flagstaff, Arizona

January 25, 1951

Memorandum

To: General Superintendent

From: Superintendent, Walnut Canyon

Subject: Monthly Narrative Report, January, 1951

Visitors this month 583; travel year to date 4450.

General Clear dry weather has prevailed throughout most of the month giving us the highest travel count for any January recorded. There were 538 visitors while the last previous record was January, 1948 with 434 visitors. From three to fourteen parties of visitors arrived every day except January 12 when it snowed and there were no visitors.

Administration The serial numbers on all Government tires was recorded.

The quarterly book sales inventory and report was completed as were other quarterly reports.

The west and part of the north boundary was patrolled. Also that portion of the south boundary south of Headquarters. A fill used by logging trucks outside the south boundary has been removed leaving most of the boundary inaccessible by truck.

Special Use Permits for water line connections were delivered to Claud Smith, Ralph Fish, and J. A. Kellum. Action on a permit to James Copeland is still pending.

Use of Monument Facilities By The Public The trail to the cliff dwellings was slick in spots for a few days but is now dry. There were 583 visitors who came in 204 cars. Contact was made with 307 visitors in 98 parties. Visitors in the museum numbered 554 in 195 groups. There were 5 picnic parties including 14 people.

Equipment Installation of our new oil burning furnaces is not quite complete. A humidifier is needed for the one at Residence No. 1 and an outer jacket for the one at Residence No. 2.

A small shed made to shelter a transformer was transferred to Wupatki.

Utilization of what had been a coal storage space allows us to place all automotive equipment under shelter.

A used gasoline powered winch has been located and data for the Regional Office is being assembled.

Maintenance and Improvements The telephone line has been working poorly most of the month. The seven miles of line from the monument to the repeating coil north of Highway 89 was patrolled on foot but we still have an intermittant "short". Repairs were made by the Forest Service to the telephone from Residence No. 2.

A new 5-wire clothesline supported by metal posts was erected at Residence No. 2.

Minor repairs were made to the "tissue" paper roof over our shop.

The hole for our gasoline tank was backfilled.

The floor of the men's restroom was repainted.

Interpretation A project to mount all plant specimens not previously mounted has been undertaken. A new supply of genus and species folders has been received.

National Park Service Visitors
January 8 Mr. and Mrs. Everett Wright
January 13 Kenneth Saunders and Harold Marsh
January 24 Junior Art Thile from Montezuma Well

Homer T. Hastings
Superintendent

rm No. 10-769
ports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chiricahua National Monument
Name of Area

January
Month
1951
Year

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent		1	2	3
mporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
ito Caravans			
alks or Hikes	1	2	3 hrs.
uins or Hist. House			
ther Trips Massai Pt. Trail Loop	4	36	30 min.
Total	5	38	XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
Headquarters Museum	1	461	15 min.
(Give Name or Type) Total	1	461	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Orientation Station, Massai Point, Estimate	1	300	
(Give Name or Type) Total	1	300	XXXXXXXX

621
Number Visitors to Area this Month

799
Total Interpretive Contacts.

terpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand

MARKS: Five inquiries answered.

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME [illegible]
TITLE [illegible]

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE SUPERINTENDENTS, ASST. SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.
"CONTACT" IS A CONNECTION, INTERPRETIVE IN CHARACTER, BETWEEN A PERSON AND A NATIONAL PARK SERVICE EMPLOYEE OR A PARK INTERPRETIVE DEVICE, EXCLUSIVE OF RADIO, BOOK, PAMPHLETS, AND THE LIKE.

CONDUCTED TRIPS: CARAVAN OR HIKING TRIPS CONDUCTED BY N.P.S. PERSONNEL FOR GENERAL FIELD ACTIVITIES. TRIPS SPECIFIC TO RUINS AND HISTORICAL HOUSES SHOULD BE REPORTED ON LINE 3. BE SPECIFIC UNDER OTHER TRIPS AS TO TYPE OF CONDUCTED TRIP SUCH AS BOAT, SKI, OR OTHER ORGANIZED ACTIVITY.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATION, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

COLUMN 3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS. GIVE TYPE OF ACTIVITY; SUCH AS TALK, BROADCAST, EXHIBIT, ETC.; DATE; ATTENDANCE; AND OTHER DATA NECESSARY TO DESCRIBE THE ACTIVITY.

TOTALS: TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

GOVERNMENT PUBLICATIONS: (FOR HISTORICAL AREAS) INDICATE BY NAME OR NUMBER THE COPIES SOLD AND ON HAND.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING INTERPRETIVE SERVICES. RETAIN ORIGINAL IN AREA FILES. IN AREAS EMPLOYING NATURALIST THIS REPORT TO BE ATTACHED TO HIS MONTHLY NARRATIVE REPORTS. IN OTHER AREAS IT SHOULD BE PRESENTED AS A SEPARATE REPORT WITH COPIES FOR COORDINATING SUPERINTENDENT, REGIONAL DIRECTOR AND DIRECTOR FORWARDED THROUGH ADMINISTRATIVE CHANNELS. DATE DUE EACH MONTH IN ACCORDANCE ADMINISTRATIVE MANUAL, VOL. 15, CHAPTER 8 (REPORT 8M3) AND 9 (REPORT 9M3).

REVISED MAY 1949

Form No. 10-769
Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

El Morro National Monument
Name of Area

January
Month

1951
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
Permanent		(1) supt.		1
Temporary				0

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
Auto Caravans			
Walks or Hikes	24	96	50 mins.
Ruins or Hist. House			
Other Trips			
Total	24	96	XXXXXXXX

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)	29	74	15 mins.
Other (Not connected with conducted trip)			
Total	29	74	XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total	0	0	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total	0	0	XXXXXXXX

157
Number Visitors to Area this Month

170
Total Interpretive Contacts.

nterpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

EMARKS: Good weather and good roads account for the more than 20[illegible] r cent increase in visitors.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME Irving [illegible], Jr.
TITLE Superintendent

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE SUPERINTENDENTS, ASST. SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.
"CONTACT" IS A CONNECTION, INTERPRETIVE IN CHARACTER, BETWEEN A PERSON AND A NATIONAL PARK SERVICE EMPLOYEE OR A PARK INTERPRETIVE DEVICE, EXCLUSIVE OF RADIO, BOOK, PAMPHLETS, AND THE LIKE.

CONDUCTED TRIPS: CARAVAN OR HIKING TRIPS CONDUCTED BY N.P.S. PERSONNEL FOR GENERAL FIELD ACTIVITIES. TRIPS SPECIFIC TO RUINS AND HISTORICAL HOUSES SHOULD BE REPORTED ON LINE 3. BE SPECIFIC UNDER OTHER TRIPS AS TO TYPE OF CONDUCTED TRIP SUCH AS BOAT, SKI, OR OTHER ORGANIZED ACTIVITY.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Gran Quivira National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

January
Month

1951
Year

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	11	32	44 min.
Other			
Total	11	32	8 hrs.

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
Self guide trail	20	70	20 min.
(Give Name or Type) Total	20	70	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	3	letters	
Other			

102
Total Receiving Interp. Serv.

102
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME Ray B. Ringenbach
Ray B. Ringenbach
TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Superintendent on leave - 10 days of month.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

GREAT SAND DUNES NATIONAL MONUMENT
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	1	0
Temporary	0	0	0

JANUARY
Month

1951
Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Contact Station	1	185	10 min.
(Give Name or Type) Total	1	185	

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks	2	80	55 min. av.
Displays and Exhibits			
Replies to Inquiries	3		
Other			

185
Total Receiving Interp. Serv.

207
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

(SIGNED)
NAME Glen T. Bean
TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

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Form No. 10-769
Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Montezuma Castle National Monument
Name of Area

January
Month
1951
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
Permanent	1	1	1	3
Temporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	92	276	40 Min.
Other Trips			
Total	92	276	XXXXXXXX

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
Castle Museum (not continuously attended)	1	1300	10 Min.
Well Museum	1	61	10 Min.
Talk connected with conducted tour but received by those not taking tour.		500	10 Min.
(Give Name or Type) Total	2	1861	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Sycamore Trail	1	1000	30 Min.
Montezuma Well Loop Trail	1	345	30 Min.
(Give Name or Type) Total	2	1345	XXXXXXXX

1698
Number Visitors to Area this Month

3482
Total Interpretive Contacts.

Interpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

REMARKS:

Castle interpretive service available 31 days during month.
Well museum opened 39 hours during month.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME JOHN O. COOK
TITLE Superintendent

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
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CONDUCTED TRIPS: CARAVAN OR HIKING TRIPS CONDUCTED BY N.P.S. PERSONNEL FOR GENERAL FIELD ACTIVITIES. TRIPS SPECIFIC TO RUINS AND HISTORICAL HOUSES SHOULD BE REPORTED ON LINE 3. BE SPECIFIC UNDER OTHER TRIPS AS TO TYPE OF CONDUCTED TRIP SUCH AS BOAT, SKI, OR OTHER ORGANIZED ACTIVITY.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

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INSTRUCTIONS FOR FILLING IN THE FORM

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REVISED MAY 1949.

Form No. 10-769
Reports
3m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

NAVAJO NATIONAL MONUMENT
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
Permanent		one		
Temporary				

JANUARY
Month

1951
Year

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
~~Auto Caravans~~ Sandal Trail	1	4	
Walks or Hikes			
Ruins or Hist. House			
Other Trips			
Total	1	4	XXXXXXXX

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

4
Number Visitors to Area this Month

4
Total Interpretive Contacts.

Interpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

REMARKS:

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME John A. Aubuchon
TITLE Superintendent

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE SUPERINTENDENTS, ASST. SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.
"CONTACT" IS A CONNECTION, INTERPRETIVE IN CHARACTER, BETWEEN A PERSON AND A NATIONAL PARK SERVICE EMPLOYEE OR A PARK INTERPRETIVE DEVICE, EXCLUSIVE OF RADIO, BOOK, PAMPHLETS, AND THE LIKE.

CONDUCTED TRIPS: CARAVAN OR HIKING TRIPS CONDUCTED BY N.P.S. PERSONNEL FOR GENERAL FIELD ACTIVITIES. TRIPS SPECIFIC TO RUINS AND HISTORICAL HOUSES SHOULD BE REPORTED ON LINE 3. BE SPECIFIC UNDER OTHER TRIPS AS TO TYPE OF CONDUCTED TRIP SUCH AS BOAT, SKI, OR OTHER ORGANIZED ACTIVITY.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

COLUMN 3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

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GOVERNMENT PUBLICATIONS: (FOR HISTORICAL AREAS) INDICATE BY NAME OR NUMBER THE COPIES SOLD AND ON HAND.

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REVISED MAY 1949.

Form No. 10-769
Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Organ Pipe Cactus Nat'l. Mon.
Name of Area

NUMBER OF PERSONS ENGAGED:

January
Month

1951
Year

	Interpretive	Administrative	Other	Total
Permanent		1	2	3
Temporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other Trips Patrol trips with visitors	2	4	8 hrs.
Total	2	4	XXXXXXXX

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)	3	41	1½ hrs
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	3	41	XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
Headquarters	1	570	1/3 hr.
Study skin collection	1	80	1/3 hr.
(Give Name or Type) Total	2	650	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Arizona Desert Trail	1	185	30 min.
(Give Name or Type) Total	1	185	XXXXXXXX

16,439
Number Visitors to Area this Month

880
Total Interpretive Contacts.

Interpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

REMARKS:

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME WMS
TITLE

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REVISED MAY 1949.

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Saguaro National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			2

January
Month

1951
Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	No. of days NO.		
	31	2,380 persons in 785 parties	13 min. avg. per party.
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks	4	505	190 min.
Displays and Exhibits			
Replies to Inquiries			
Other			

2,380
Total Receiving Interp. Serv.

4,976
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.
Four excellent lectures were given by Lowell Sumner, Biologist from Region Four. These lectures dealt with Service areas of Alaska and Channel Islands National Monument.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

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Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

orm No. 10-769
eports
m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Sunset Crater National Monument
Name of Area

Jan.
Month
1951
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
ermanent				
emporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other Trips			
Total			XXXXXXXX

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Trail side signs	166	500	5 min
(Give Name or Type) Total	166	500	XXXXXXXX

500
Number Visitors to Area this Month

500
Total Interpretive Contacts.

Interpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand

MARKS: No personnel on duty during January

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME William L. Bowen
TITLE Supt.

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REVISED MAY 1949.

Form No. 10-769
Reports
m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Tonto National Monument
Name of Area

January 1951
Month

Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
Permanent	1	1		2
Temporary	1		1	2

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
Auto Caravans			
Walks or Hikes			
Ruins or ~~Hist. House~~		1370	45 min av.
Other Trips			
Total			XXXXXXXX

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)	1	(Dons Club) 50	10 min
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
Hdq. Museum Open 31 days		2160	15 min av.
(Give Name or Type) Total		2160	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

2458
Number Visitors to Area this Month

3828
Total Interpretive Contacts.

Interpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand
Talk to Dons Club at Phoenix			

REMARKS: Temporary personnel includes 1 seasonal ranger, and a days work by WAE Guide.

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NAME Charles C. Sharp
TITLE Superintendent

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ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

COLUMN 3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS. GIVE TYPE OF ACTIVITY; SUCH AS TALK, BROADCAST, EXHIBIT, ETC.; DATE; ATTENDANCE; AND OTHER DATA NECESSARY TO DESCRIBE THE ACTIVITY.

TOTALS: TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

GOVERNMENT PUBLICATIONS: (FOR HISTORICAL AREAS) INDICATE BY NAME OR NUMBER THE COPIES SOLD AND ON HAND.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING INTERPRETIVE SERVICES. RETAIN ORIGINAL IN AREA FILES. IN AREAS EMPLOYING NATURALIST THIS REPORT TO BE ATTACHED TO HIS MONTHLY NARRATIVE REPORTS. IN OTHER AREAS IT SHOULD BE PRESENTED AS A SEPARATE REPORT WITH COPIES FOR COORDINATING SUPERINTENDENT, REGIONAL DIRECTOR AND DIRECTOR FORWARDED THROUGH ADMINISTRATIVE CHANNELS. DATE DUE EACH MONTH IN ACCORDANCE ADMINISTRATIVE MANUAL, VOL. 15, CHAPTER 8 (REPORT 8M3) AND 9 (REPORT 9M3).

REVISED MAY 1949.

Form No. 10-769
Reports
m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Tumacacori National Monument
Name of Area

January
Month

1951
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
ermanent		1	1	2
emporary			1	1

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	262	1,632	35.53
Other Trips			
Total	262	1,632	XXXXXXXX

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	0		XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
Combined information and interpretation service at registry desk, museum, or garden	1	3,535	
(Give Name or Type) Total	1	3,535	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Self-guiding museum and patio garden (although interpretive service is often given in the garden)	2	3,510	
(Give Name or Type) Total	2	3,510	XXXXXXXX

3,626
Number Visitors to Area this Month

8,677
Total Interpretive Contacts.

Interpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand

MARKS: Visitor total includes 91 runarounds.

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME
TITLE Superintendent

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE SUPERINTENDENTS, ASST. SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.
"CONTACT" IS A CONNECTION, INTERPRETIVE IN CHARACTER, BETWEEN A PERSON AND A NATIONAL PARK SERVICE EMPLOYEE OR A PARK INTERPRETIVE DEVICE, EXCLUSIVE OF RADIO, BOOK, PAMPHLETS, AND THE LIKE.

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INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

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INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

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REVISED MAY 1949.

orm No. 10-769
eports
m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

TUZIGOOT NATIONAL MONUMENT
Name of Area

JANUARY
Month
1951
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
ermanent	1	1		
emporary			1	

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	262	823	
Other Trips			
Total			XXXXXXXX

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)	261	829	10 min.
Other (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total	523		XXXXXXXX

800
Number Visitors to Area this Month

1652
Total Interpretive Contacts.

terpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

MARKS:

J. W. Brewer
NAME
Superintendent
TITLE

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

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UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Walnut Canyon National Monument
Name of Area

January
Month

1951
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	1	1
Temporary	0	0	0

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Overlook at museum	1	583	15 min.
Museum	1	554	10 min.
(Give Name or Type) Total	2	1137	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Ruins trip into Canyon (Island Trail)	1	466	50 min.
(Give Name or Type) Total	1	466	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

1603
Total Receiving Interp. Serv.

583
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	None
Popular Studies	None
Source Books	None

NAME Homer F. Hastings

TITLE Supt.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

~~Although slick in spots for a few days, the trail to the~~ cliff dwellings ~~remained open throughout the month.~~

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Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

White Sands National Monument
Name of Area

January
Month

1951
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	2	2	2
Temporary			

26646

JAN 1951 RECEIVED National Park Service Region Three Office

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans		N	
Walks or Hikes		O	
Ruins or Hist. House		N	
Other		E	
Total			

TALKS	NO.		
Campfire		N	
Hotel or Lodge		O	
Museum (Not connected with conducted trip)		N	
Orientation (Not connected with conducted trip)		E	
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
	31	6,400	1/6
(Give Name or Type) Total		6,400	

UNATTENDED INTERPRETIVE DEVICES	NO.		
		N	
		O	
		N	
		E	
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts		N	
Talks		O	
Displays and Exhibits		N	
Replies to Inquiries		E	
Other			

6,400
Total Receiving Interp. Serv.

9,701
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	NONE
Popular Studies	NONE
Source Books	NONE

NAME Johnwill Faris.

TITLE Johnwill Faris, Superintendent.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

orm No. 10-769
eports
m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Wupatki National Monument
Name of Area

Jan
Month

1951
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
ermanent		1	1	2
emporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	56	192	21
Other Trips			
Total	56	192	XXXXXXXX

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Wupatki Ruins Trail	111	328	35 Min
Walakihu-Citadel Trail	58	175	30 Min
(Give Name or Type) Total	169	503	XXXXXXXX

361
Number Visitors to Area this Month

695
Total Interpretive Contacts.

nterpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

EMARKS:

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME [illegible]
TITLE Supt

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"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
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"CONTACT" IS A CONNECTION, INTERPRETIVE IN CHARACTER, BETWEEN A PERSON AND A NATIONAL PARK SERVICE EMPLOYEE OR A PARK INTERPRETIVE DEVICE, EXCLUSIVE OF RADIO, BOOK, PAMPHLETS, AND THE LIKE.

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TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

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INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

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GOVERNMENT PUBLICATIONS: (FOR HISTORICAL AREAS) INDICATE BY NAME OR NUMBER THE COPIES SOLD AND ON HAND.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING INTERPRETIVE SERVICES. RETAIN ORIGINAL IN AREA FILES. IN AREAS EMPLOYING NATURALIST THIS REPORT TO BE ATTACHED TO HIS MONTHLY NARRATIVE REPORTS. IN OTHER AREAS IT SHOULD BE PRESENTED AS A SEPARATE REPORT WITH COPIES FOR COORDINATING SUPERINTENDENT, REGIONAL DIRECTOR AND DIRECTOR FORWARDED THROUGH ADMINISTRATIVE CHANNELS. DATE DUE EACH MONTH IN ACCORDANCE ADMINISTRATIVE MANUAL, VOL. 15, CHAPTER 8 (REPORT 8M3) AND 9 (REPORT 9M3).

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

White Sands

Box 231, Alamogordo, New Mexico

January 24, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, White Sands

Subject: Superintendent's Monthly Narrative, Report No. 1-51

JANUARY TRAVEL, 1951		DRAWN OUT TO DATE	
Visitors, 9,701	Cars, 2,396	Visitors, 35,790	Cars, 9,230

GENERAL

January certainly started out the calendar year with a "bang", and probably an open month might account for the large visitor count. The weather has been grand. A high of 64° occurred on the 12-21-50 and a low of +6° was registered on the 1-7-51. A total of only .19" of moisture was received.

This lack of moisture is apt to be noticed later. Already our sands shell is drained at a single pumping and with the winter use. This has not occurred before in our history, especially this time of the year. In mid-summer we have pumped it dry but not in winter before.

IMPROVEMENTS

Dog Canyon water is as low as has ever been recorded, and that seems to be the case in most of the mountain streams or springs. Little moisture has fallen in any of the mountains nearby.

Several trips were made to Holloman Air Force Base in connection with our water contract with the Air Force. We may not get the warning exactly as we wish it but it all means that if no water is available we naturally won't get any.

INSPECTIONS - continued

Local building and maintenance inspections are most encouraging. We have replaced the big doors on the garage where we can now get our Caterpillar under cover and still shut the doors. And, too, the present ones we can close without calling for help.

GENERAL PUBLICITY

No special items have come to my attention and, with the exception of local items carried in the two Alamogordo papers, I guess all has been very quiet.

[illegible]

Neither the concession operator nor our service received any complaints. In fact, we have commented on how appreciative our visitors have been.

MAINTENANCE

As mentioned above, our big doors were replaced in the garage; the other doors are being scraped and repainted, readjusted and repaired. All the plaster has been removed from our oil house and in several bad places on our garage. We will replaster these spots as soon as weather will permit.

Some alarming conditions were discovered upon removing some of the old plaster. Moisture had seeped down and our walls were wet despite the fact that it has been weeks since we have had any moisture to speak of.

Routine repairs have been made to our sanis well and the pump. Several spot patches were made on our roofs. Road repairs have been minor and most work has consisted of dragging in the late afternoon to prevent the ruts from freezing and being so rough until midday when thawing begins.

APPROACHES & PARK AREA

We hear that the Cloudcroft road is paved all the way to Cloudcroft now, and that should help our visitors a lot in planning a trip to the mountains. Portions of this road are dangerous, however, when slick. One person was killed last week when his car went off the road on an icy stretch. No word has been received on the contracts that have been let on other approach roads.

UNITED STATES

DEPARTMENT OF THE INTERIOR

PUBLIC SERVICE

This branch will probably equal last January in volume but will not show the increase in the same ratio that visitation shows. Mr. Charles is rearranging his time to spend more of it at the roads which may increase sales some.

INCREASE IN TRAVEL

The total of almost two thousand visitors can be attributed almost entirely to the splendid weather prevailing throughout the entire month. Nearly all states and Canada, Mexico and the District of Columbia were represented.

Our increase is equally as high in cars so there is no trend of more people to the car, etc.

VISITORS

Mr. & Mrs. Donald Rippey, seasonal ranger at Aztec,
Mt. Vanier, etc.
Supt. Robertson & family of Cabrillo N.M., San Diego,
and Lake, formerly of Grand Canyon N.P. and Tucson
Francis Moore & wife, of Chaco Canyon, N.M.
Mr. Haynes of the Haynes Photographers, Yellowstone

A proposed visit by General Superintendent Davis was cancelled. We regret this and hope to have this promised visit soon.

RANGER DIVISION

General duties have kept Ranger Davis and myself reasonably close to the checking station. Ranger Chittum has been assisting in welding and other duties in addition too heavy for one man.

Ranger Davis and family had a very pleasant vacation in Iowa and plan to spend a week in Coolidge, Arizona early next month.

GENERAL

Frequent rocket firings are annoying and cause a lot of extra work in controlling. Ideal weather is enabling us to do a lot of work which is important and is improving the general appearance of our utility area and the buildings.

Much remains to be done and February, short though it may be, will find us quite a lot accomplished.

John Neil Davis.
Superintendent.

[illegible]

[illegible]

[illegible]

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Wupatki National Monument
Flagstaff, Arizona

Jan. 25, 1951

To: General Superintendent

From: Superintendent, Wupatki

Subject: Monthly Narrative Report -- Wupatki and Sunset Crater National Monuments

Weather. The weather continues dry. It has now reached a place where the out-of-state visitor remarks happily, "My, isn't this wonderful weather?" The local visitor on the other hand laments, "Lord, What are we going to do for water?"

Status of Private Lands. On Jan. 20 the superintendent visited the site of Babbitt Brothers new water well located in Sec. 31, T26N, R10E (their private section in the tier of sections running out to crack-in-the-rock). The well is pumping 8 gallons per minute on a round-the-clock basis. A new and modern 4-room, cinder block house at the site is nearing completion. Storage tanks are in place and water lines will be laid to service the range in the vicinity. Use of that area and adjoining Monument lands has been heavier this season due to shortage of feed elsewhere and the extremely mild and open winter.

Maintenance. Considerable needed maintenance work was accomplished this month. Rewarehousing from the CCC barracks into the quonset hut was completed and the barracks can now be removed. A new 16 ft. workbench was constructed in the shop end of the quonset. Now for the first time we can work on the equipment under cover and without having to lay all the parts down in the cinders. The turquoise blue ends on the quonset hut were repainted a more conventional OD.

All exterior woodwork on the superintendent's residence and the pump house was repainted. The house occupied by Mr. Bean was given a coat of paint. This leaves only the old CCC office (to be used as a light plant house at Heiser) to be painted. With the paint etc. Heiser Spring should look pretty presentable when the old barracks is removed.

A small building to house the light plant at Wupatki was obtained from Walnut Canyon. The building has not bee place as yet, but when it is it will allow us to comply with recommendations of long standing that the plant be removed from the workshop.

Monument Roads. Road work moved slowly this month as Mr. Bean had 4 days annual leave and 8 days sick leave. The roads are too dry to blade and the time has been used to distribute approximately 160 yards of clay surfacing in the Doney Mountain section.

Cooperation. This is a broad term sometimes. This month it has included the towing of a car from near Sunset Crater to the highway. unfortunately the driver got a bit confused late one evening as to where to put the alcohol. The result the next morning --- two cracked heads. An 8 mile hike helped clear the driver's head but a 33 mile tow didn't do much for the car's head.

The Census Bureau in Washington is now mailing questionnaires to the local Navajoes stating that they cannot find birth certificates for recent arrivals who showed up on the 1950 census. Such questions as "Who attended the birth?" and "What was the Mother's maiden name?" and "Why aren't all last names the same?" are a bit confusing to the Navajo, the Census Bureau and the superintendent.

Interpretive Service. At Wupatki Ruin 192 visitors in 56 parties were contacted for an average of 21 minutes. A total of 328 visitors used the self-guide trail at Wupatki and [illegible] visitors the Citadel self-guide trail.

Travel. A substantial increase this month due to the fact that the back road from Sunset Crater has been open for the entire period. Mild weather, the rabbit season and the open road has brought an increasing number of Sunday visitors from Flagstaff.

	CARS	VISITORS
January 1951	122	361
January 1950	71	213
This travel year	541	1431
Last travel year	402	1206

Visitors. Jan. 6. Supt. and Mrs. Hastings, Walnut Canyon.

William L. Bowen
Superintendent

[illegible]

[illegible]

[illegible]

SOUTHWESTERN NATIONAL MONUMENTS MONTHLY TRAVEL STATISTICS

Month of January, 19[illegible]

	This month	Travel year	(Mo.) Last	Year (T.Y.)	
Arches	127	2,137	60	1,074	[illegible]
Aztec Ruins	[illegible]	3,126	259	2,211	[illegible]
Bandelier	990	6,773	646	4,994	[illegible]
Canyon de Chelly	50	663	37	376	[illegible]
Capulin Mountain	150	4,370	600	5,400	[illegible]
Casa Grande	5,212	13,248	3,201	13,113	[illegible]
Chaco Canyon	77	430	53	269	[illegible]
Chiricahua	621	3,753	574	4,214	[illegible]
El Morro	157	914	41	514	[illegible]
Gila Cliff Dwgs.	—	—	—	—	
Gran Quivira	102	609	98	600	[illegible]
Great Sand Dunes	707	2,957	359	2,719	[illegible]
Montezuma Castle	1,698	9,601	1,149	7,279	[illegible]
Natural Bridges	—	318	—	114	—
Navajo	4	135	3	145	[illegible]
Organ Pipe Cactus	14,139	59,971	14,607	45,714	[illegible]
Rainbow Bridge	—	—	—	—	—
Saguaro	4,776	12,277	4,059	9,142	[illegible]
Sunset Crater	980	3,755	580	3,673	[illegible]
Tonto	2,147	7,616	2,735	6,374	[illegible]
Tumacacori	[illegible]	10,283	3,444	9,494	[illegible]
Tuzigoot	900	4,308	601	4,523	[illegible]
Walnut Canyon	513	3,460	359	3,313	[illegible]
Wheeler	—	—	—	—	—
White Sands	9,741	35,740	7,445	31,236	[illegible]
Wupatki	341	1,431	213	1,736	[illegible]
TOTALS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

(See reverse for notations, comments, etc.)

Gain over January, 1970.....12%

Gain for travel year.....17%

Four areas showed losses over January 1970:

Cupalin Mountain.....2%
Chiricahua.....2%
Great Sand Dunes.....1%
Tonto.....11%

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Arches National Monument
Name of Area

UMBER OF PERSONS ENGAGED:

January
Month

1951
Year

	Interpretive	Administrative	Other	Total
ermanent		1	1	2
emporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other Trips			
Total			XXXXXXXX

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
Headquarters	8	32	10 Min.
Monument	2	6	15 Min.
(Give Name or Type) Total	10	38	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

427
Number Visitors to Area this Month

38
Total Interpretive Contacts.

Interpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand

MARKS:

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME F. Earl Wattlington
TITLE Park Ranger

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REVISED MAY 1949.

orm No. 10-769
eports
m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

AZTEC RUINS
Name of Area

JANUARY
Month

1951
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
ermanent		2		
emporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	68	391	3/4 hr
Other Trips Museum	114	557	1/4 hr
Total		948	XXXXXXXX

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

557
Number Visitors to Area this Month

938
Total Interpretive Contacts.

Interpretive Activities Outside of the Area;	Govt. Publications	Sold	On Hand

MARKS:

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NAME Irving A. Lawrence
TITLE Irv Townsend, Supt.

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CONDUCTED TRIPS: CARAVAN OR HIKING TRIPS CONDUCTED BY N.P.S. PERSONNEL FOR GENERAL FIELD ACTIVITIES. TRIPS SPECIFIC TO RUINS AND HISTORICAL HOUSES SHOULD BE REPORTED ON LINE 3. BE SPECIFIC UNDER OTHER TRIPS AS TO TYPE OF CONDUCTED TRIP SUCH AS BOAT, SKI, OR OTHER ORGANIZED ACTIVITY.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITO USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVI TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

COLUMN 3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOUL NOT BE INCLUDED IN THE TOTALS. GIVE TYPE OF ACTIVITY; SUCH AS TALK, BROADCAST, EXHIBIT, ETC.; DATE; ATTENDANCE; AND OTHER DATA NECESSARY TO DESCRIBE THE ACTIVITY.

TOTALS: TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MA RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FO COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

GOVERNMENT PUBLICATIONS: (FOR HISTORICAL AREAS) INDICATE BY NAME OR NUMBER THE COPIES SOLD AND ON HAND.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING INTERPRETIVE SERVICES. RETAIN ORIGINAL IN AREA FILES. IN AREAS EMPLOYING NATURALIST THIS REPORT TO BE ATTACHED TO HIS MONTHLY NARRATIVE REPORTS. IN OTHER AREAS IT SHOULD BE PRESENTED AS A SEPARATE REPORT WITH COPIES FOR COORDINATING SUPERINTENDENT, REGIONAL DIRECTOR AND DIRECTOR FORWARDED THROUGH ADMINISTRATIVE CHANNELS. DATE DUE EACH MONTH IN ACCORDANCE ADMINISTRATIVE MANUAL, VOL. 15, CHAPTER 8 (REPORT 8M3) AND 9 (REPORT 9M3).

REVISED MAY 1949.

rm No. 10-769
pports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Bandelier National Monument
Name of Area

January
Month

1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent		1	3	4
mporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	51	394	71.4 Hrs.
ther Trips			
Total	51	394	XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)	23	136	13.4 Hrs.
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total	23	136	XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
ere onial Cave	10	116	
rails to Tsankawi		170	
(Give Name or Type) Total	10	286	XXXXXXXX

890
Number Visitors to Area this Month

218
Total Interpretive Contacts.

terpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand
lk to Whitehock 4th, 5th & 6th Grades			

AMKS: *A general talk on the importance of the Archeological Ruins in Bandelier ational Monument and vicinity, stressing the preservation and protection of these ins under the Antiquities Act of 1906. The two talks were given by Ranger Turney

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
lease read them carefully.

NAME Fred M. Kirkwoods
TITLE Superintendent

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EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
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INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

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REVISED MAY 1949.

orm No. 10-769
eports
13 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Canyon de Chelly National Monument
Name of Area

January
Month
1951
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
ermanent	One	One		Two
emporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	4	18	2-hours
ther Trips			
Total	4	18	XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)	15	32	30 mins
ther (Not connected with conducted trip)			
Total	15	32	XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

50
Number Visitors to Area this Month

50
Total Interpretive Contacts.

nterpretive Activities Outside of the Area; Govt. Publications Sold On Hand

five letters of inquiry answered concerning the monument			

EMARKS:
Extreme cold weather held down travel to a minimum.

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME Everett W. Bryant
TITLE Superintendent

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EXPLANATION OF TERMS USED

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REVISED MAY 1949.

10-769

Reports 8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Capulin Mountain National Monument
Name of Area

January
Month

1951
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		one	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total	none		

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	none		

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total	none		

UNATTENDED INTERPRETIVE DEVICES	NO.		
Wayside markers pointing out five of the principal points of interest.			
(Give Name or Type) Total	five		

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

60
Total Receiving Interp. Serv.

450
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
6 page booklets	
Popular Studies	
Source Books	

NAME Homer J. Farr

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

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Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

rm No. 10-769
pports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Casa Grande National Monument
Name of Area

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent	1	1	1	3
mporary				

January
Month

1951
Year

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	220	3,423	53 min.
ther Trips			
Total	220	3,423	XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
useum	220	3,423	21.8 min.
useum (visitors stopping for orientation only)		1,252	
(Give Name or Type) Total		4,675	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

5,212
Number Visitors to Area this Month

8,098
Total Interpretive Contacts.

erpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand

AMKS: 1,789 visitors stopped for orientation only. It is estimated that 70% looked rough the museum and this is the number shown under Attended Interpretive Stations ove.

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
lease read them carefully.

NAME A. T. Bicknell
TITLE Superintendent

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REVISED MAY 1949.

orm No. 10-769
eports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chaco Canyon National Monument
Name of Area

January 1951
Month

Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
ermanent		2		2
emporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	19	69	60 min
ther Trips			
Total	19	69	XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)	17	63	14 min
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total	17	63	XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

77
Number Visitors to Area this Month

132
Total Interpretive Contacts.

erpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand
Lecture Crownpoint School to 55 School Children and teachers on January 23rd. Subject: "Chaco Canyon"			

EMARKS:

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
lease read them carefully.

NAME Meredith M. Guillet
TITLE Superintendent

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE SUPERINTENDENTS, ASST. SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.
"CONTACT" IS A CONNECTION, INTERPRETIVE IN CHARACTER, BETWEEN A PERSON AND A NATIONAL PARK SERVICE EMPLOYEE OR A PARK INTERPRETIVE DEVICE, EXCLUSIVE OF RADIO, BOOK, PAMPHLETS, AND THE LIKE.

CONDUCTED TRIPS: CARAVAN OR HIKING TRIPS CONDUCTED BY N.P.S. PERSONNEL FOR GENERAL FIELD ACTIVITIES. TRIPS SPECIFIC TO RUINS AND HISTORICAL HOUSES SHOULD BE REPORTED ON LINE 3. BE SPECIFIC UNDER OTHER TRIPS AS TO TYPE OF CONDUCTED TRIP SUCH AS BOAT, SKI, OR OTHER ORGANIZED ACTIVITY.

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REVISED MAY 1949.

King

UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Region Three
Santa Fe, New Mexico

Monthly Reports
February 1951

Routing List--Southwestern National Monuments

	Name of Official	Date Received	Date Forwarded
Chiricahua	C. V. Cooke	3-10-51	3-12-51
Saguaro	S. King	3/13/51	3-14/51
Tumacacori	[illegible]	3/15/51	3/16/51
Organ Pipe Cactus	[illegible]	3/[illegible]	[illegible]
Casa Grande	A. Bickner	4/1/51	4/4/51
Tonto	C. C. Shay	4/6 '51	APR 1951
Tuzigoot	Brewer	4-12	4-13
Montezuma Castle	Cooke	4-16	4-18
Walnut Canyon	Hastings	4-18	4-19-51
Wupatki	F. Brueck	4-20	4-21-51
Navajo	[illegible]	4-25-51	4/26/51
Region Three Office--Mr. King			

(List No. 2.)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
ARCHES NATIONAL MONUMENT
MOAB, UTAH

February 26, 1951

Memorandum

To: General Superintendent

From: Superintendent, Arches

Subject: Narrative Report for the Month of February, 1951

WEATHER: The drought continues with only a trace of precipitation. A touch of spring has been definitely noted in quite a number of warm days and a few very windy ones.

TRAVEL: Our traffic counter, on loan from the Utah State Highway Department, was returned to them at the close of the January tarvel month. It will be returned to us May 1, after reconditioning. The visitor count this month was taken from the register and 25% added for Non-registration. There appears a 180% decrease from the count of last month. Non-registration undoubtedly can be blamed for this decrease. The total visitors for this month amounted to 153 people, arriving in 60 cars, from 13 states and Canada. Inspite of the heavy decrease between this month and last, we still show an increase of 61% over the same period last year.

INTERPRETIVE SERVICE: Our interpretive service improved this month with 68 of the 153 visitors being contacted. Total contact time amounted to 7 hours and 40 minutes.

MONUMENT ROADS: Ranger Worthington worked for a week with Maintenance-man Winbourn, shaling the crossing on Salt and Winter Camp washes. This work makes this road passable although a finished job of grading is impossible until we receive more moisture.

APPROACH ROADS: The Utah State Highway Department worked a full week plating approach road #93 with shale and improved it a great deal; however much more plating and grading could be done.

WATER SYSTEM: The new Pacific Jet Pump is working satisfactorily with it's capacity the same: 450 gallons per hour.

MOTOR EQUIPMENT: We have been unable to obtain new tires for the Front End Loader, but finally put back into operation by recapping two of the old tires. We are keeping our fingers crossed against blowouts.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

ANDREW NATIONAL MONUMENT
WOLF ITAS

February 14, 1968

Memorandum

To: Chief Interpretation

From: Superintendent, Arthur

Subject: Interpretive Report for the Month of February, 1968

Visitors: The Arthur visitation total was [illegible] of [illegible] a decrease of [illegible] from the [illegible] month. [illegible] a number of [illegible] were due to the very bitter cold.

Staff: Our Martin's moonlight, on Lake Arthur the 19th, [illegible] interpretive, was rescheduled to noon at the closure of the Jackson, Wolf [illegible]. It will be rescheduled to be the 21, after [illegible]. The [illegible] audio tape system has taken from the [illegible] and [illegible] for [illegible] visitation. There appears a [illegible] from the [illegible] Park [illegible]. Interpretation [illegible] can be [illegible] the [illegible] Parkway. The [illegible] for a [illegible] to [illegible] visiting in [illegible] years. [illegible] at [illegible] Parkway [illegible] this [illegible] we will [illegible] of [illegible] the [illegible] last year.

Interpretive Center: The interpretive [illegible] Director [illegible] on [illegible] building [illegible]. Their [illegible] is [illegible] and [illegible].

Interpretive Media: Please [illegible] for a [illegible] interpretive [illegible] adapting the [illegible] on Wolf and [illegible] Lake [illegible], and make this [illegible] a [illegible] to [illegible] interpretive [illegible] on [illegible].

Visitor Use: The [illegible] Lake [illegible] a [illegible] Lake, [illegible] Lake, [illegible] Lake. [illegible] should be [illegible].

Other Activity: [illegible] Wolf [illegible] the [illegible].

Site Activity: We have been [illegible] [illegible] Lake [illegible] [illegible], but [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

PERSONNEL: Notice of the approval of my transfer to Blue Ridge Parkway was received on February 20, but sofar I have received no notice as to when this transfer will be made. From the Red Rocks to the Blue Ridges. What a change!

Bates E. Wilson
Bates E. Wilson
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

24 February 1951

Memorandum

To: General Superintendent

From: Superintendent Aztec Ruins

Subject: Superintendent's Monthly Narrative Report 1m1

WEATHER: This month has been quite varied with a cold snap at the beginning when the temperature went to a low of -5, followed by warmer weather up into the 60's. Several scattered snow storms have added some 6 inches to the yearly total. The generally good weather has aged our travel considerably.

MAINTENANCE: In our last report we did a little bragging about the fine shape in which our ruins structures' roofs had come thru the winter, but we find we spoke too soon. The great kiva roof cover split in great lenghts, 15 to 20 feet to a crack, following the cold snap on Feb 1 and 2. The repair to recover these cracks took all of our stock of roofing, but we believe we now have a water proof surface.

The other ruins structures with roofs seem to have come thru the alternate cold and warm spells in good shape. Also, the stabilization work completed during the past summer is weathering the winter quite well.

We had a little hard luck with our pickup when the radiators rung a leak, allowing the loss of the coolant. This has been repaired and we are ready for more winter, which at this writing is here again with snow falling heavily outside.

INTERPRETIVE SERVICES: There were 778 visitors in 27 parties conducted thru the ruins, and 527 visitors in 146 parties shown thru the museum.

INCREASE IN TRAVEL: Each month seems to bring an increase over the month of the previous year, and this February we have had an increase of approximately 44% with 557 visitors from 27 states and Canada in 134 cars.

VISITORS: Harry Linder, Chief Clerk Mesa Verde, dropped in for a quick visit while on his way from Platt to his new job, Feb 20. C.H. Ruskin and Don Meadows from So. Calif. Lodge visited Feb 22, while enroute from Region Three thru the Southwest.

Irving D. Tomsen
Superintendent

AZTLC

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

March 1, 1951

Memorandum

To: General Superintendent

From: Superintendent, Bandelier

Subject: Monthly Narrative Report for February, 1951

Weather

Drought conditions were relieved somewhat by 13 inches of snow on January 30 and 31 and lighter snows and rain on six days during February. A total of 1.21 inches of moisture was received.

The lowest temperature ever recorded here occurred on February 1 when the mercury went to 23 degrees below zero. The previous low was 18 degrees below zero in 1948. Immediately following the cold snap the weather warmed up to a balmy 74 degrees on the 11th.

Special Activities

In-service training meetings were held once a week during the month. Mr. Gilmore from the Region Three Office conducted a meeting on fiscal procedure and Messrs. Reed, King, and Armbruster attended the meeting on interpretation. We greatly appreciated the contribution of time and information by the Region Three personnel.

Most of the employees and their wives completed the advanced first aid course that was conducted by Mr. Burnsworth of the Los Alamos fire department.

Inspections

Assistant Regional Director Cornell, Architect Jerry Miller, and John Rescoft of the Washington Office made an inspection of roads and the proposed parking area enlargement on the 6th.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

Architect Lyle Bennett inspected the proposed installation of a dishwashing machine in the Lodge kitchen and other building probelms on the 21st.

Maintenance

A six mile section of the abandoned long distance telephone line was salvaged by the maintenance crew. This line connecid on to the Forest Service line to Espanola that has been discontinued since the installation of a new line to Los Alamos.

An insulated hot water tank was installed at the warehouse quarters and a hot water line was connected to the wash bowl in the bathroom.

A number of deficiencies that were discovered during an intensive fire inspection were corrected by the maintenanceman. These consisted, for the most part, of leaks in propane gas lines and oil line to heating stoves.

It was necessary to spend several days chipping ice out of the canales on all of the buildings following the snow the last of January.

Approach Road

Mr. Moran made an inspection of road materials on the 9th in order to determine what to use for placing an oil dust coat on the section of the approach road from the end of the paving to the checking station. It was decided that the volcanic ash material that is now on the road will be suitable for an oil base.

A soaking rain toward the last of the month made it possible to grade the entire approach road with good results.

The Bureau of Public Roads is making the final survey and the bids have been advertised for construction of the road from the Los Alamos west gate to technical area 33. This will add about one and one half miles of paving to the approach road.

Concessions

A meeting was held in Santa Fe with Mrs. Frey, Mr. Gilgis, and Mr. Baker to discuss the operation of dining facilities for the coming season. Mr. Gilgis and Mr. Baker will manage the dining room as they did last season.

A new dishwashing machine was purchased for the Lodge kitchen. This will eliminate the most serious criticism made by the U. S. Public Health Service of this operation.

Interpretive Service

A total of 512 visitors were conducted on 58 tours of the ruins.

All of the pottery sherd and artifact collections that have been stored in the office basement in old boxes and sacks have now been placed in standard sherd boxes and properly labeled. This practically completes the rearrangement and straightening up of the basement and gives us a good workroom. It also provides space for visitors or students that are interested in the herbarium or study skins.

Travel

The bad weather, particularly on weekends, caused a decrease in travel under that of last year. There were 1226 visitors as compared with 1325 for February, 1950.

Visitors

Naturalist Don Watson and Miss Jean Pinkley paid us a visit on the 11. Mr. Meadows, architect for California State Parks was a visitor on the 20th.

Wildlife

Two counts of wildlife tracks were made while snow was on the ground. Wild turkeys were seen frequently in the Canyon near Ceremonial Cave and near the checking station.

Building Fire Protection

A building fire drill was held this month at which the equipment was taken to the administration building and the hose was connected to a hydrant in three minutes. The drill brought out the need for more secure fastening of wrenches and hose nozzles on the hose cart.

Fred W. Pinnewies

Fred W. Pinnewies
Superintendent

Canyon de Chelly National Monument
Chinle, Arizona.

February 26, 1951

Memorandum

To: General Superintendent

From: Superintendent, Canyon de Chelly

Subject: Monthly Narrative Report for February, 1951

Weather: Temperatures this month ranged from a low of -3 degrees on February 2 to a maximum of 69 on February 10. A light snow of only .12 inch of moisture fell on January 30.

Visitor Travel: 59 people in 23 cars this month. This is slightly higher over last month, however, the figure is lower than for the same period of last year. Cold weather and uncertain road conditions held travel to a minimum.

Progress on Project Programs: The construction of all picnic tables and fireplaces are now completed and placed into position at the three campground areas - Monument Headquarters, White House and Spider Rock overlooks, and are ready for use by the large number of campers we expect during the coming summer months. These units will add considerably to the monument recreational facilities and will be enjoyed by Park visitors for many, many years to come. Trash disposal containers and trail improvement work remain to be completed.

A trip was made to Gallup on February 9 to distribute bids and specifications for alterations to Superintendent's residence. Work on the rehabilitation program will start as soon as a successful bidder is selected.

We are still waiting for delivery of 14,000 pounds of wire, from the General Services Administration, to complete the de Chelly water shed Soil & Moisture Program.

The Spider Rock trail is being shortened from 900 yards to a distance of about 100 yards. Visitors will be able to drive to the newly established picnic and parking area thus eliminating the previous one-half mile walk.

Work on the roads will start as soon as the first moisture arrives.

General: A trip was made to Santa Fe during the first part of the month to deliver excavated material taken from Tse-tsa site, and to discuss master plans, project programs, accounts, and many other phases of de Chelly work.

Bureau de Santé Régional Tananarive
Tananarive, Madagascar.

February 23, 1951

Memorandum

To: Monthly Superintendents

From: Superintendent, Bureau de Santé

Subject: Monthly Surveillance Report for February, 1951

Malaria: Temperatures this month reached from 5 to 10 degrees in February & the presence of 22 on February 7th. A light rain or only .32 inch of moisture fell on January 29.

Filariasis Control: 29 people in 20 days this month. This is slightly higher than last month. However, the figure is lower than for the same period of last year. Field workers and monthly year conditions left Tananarive to a minimum.

Programme on Treatment Prevention: The inoculation of all plants bulbs and tuberculous were now completed and planted into positions at the Bureau experimental station - Tananarive Manufacturing. Bulbs from last October were excellent and are ready for use by the Bureau Director of Medicine on request during the summer months. These bulbs will be distributed to the necessary provincial installations and will be subject to field utilization for many years to come. Thank diagnosed medicines and brief improvements which should be emphasized.

A help was made to Dalton on January 7 to distribution file and quantities tables for allocations of medicinal medicines. Help on the rehabilitation program will start on week or a considerable failure is achieved.

We are still waiting for delivery of 24,000 pencils or etc. from the Bureau Services Administration, as mentioned the Monthly report July 1951 Campaign Program.

The Spring Lake Well is being electrical from 800 gallon to a distance of about 150 yards. Failure will be made to drive in the newly constructed plants and planting area this afternoon the previous month-half half.

Work on the cradle will start as soon as the first airplane arrives.

Remarks: A help was made to Dalton for during the first part of the month we actively concerted instead take from Tananarive also, and the Director Dalton Jones, prepare programs, accounts, and many other phases of it totally work.

Canyon de Chelly National Monument
Chinle, Arizona.

Con't. from page 1.

Canyon Travel: For the first time in a year water is flowing in the canyon. Not much but just enough to prevent canyon travel.

Personnel: Maintenance-Man David Gorman returned to work on the morning of February 19 after a short illness due to a fractured ankle bone.

Everett W. Wright
Superintendent

Report to Study National Treasure
Toledo, Indiana.

Sheet 2. From page 1.

Reports Overall. For the first time in a year today is finding in the engine. Not much but just enough to prevent engine burnout.

Personnel. Maintenance-man Levin Jensen returned to work on the morning of February 17 after a short illness due to a fractured ankle bone.

Superintendent
Transport Co. Division
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Capulin Mountain NATIONAL MONUMENT

Capulin, New Mexico

February 25, 19 51

Memorandum
To: The General Superintendent
Southwestern National Monuments
National Park Service
Santa Fe, New Mexico

From: Superintendent Homer J. Farr

Subject: Monthly narrative report, February 25, 1951.

Visitors: There have been about 450 visitors to Capulin Mountain National Monument during the month of February, making a total of four thousand eight hundred during the travel year and twenty four thousand for the fiscal year to date.

Weather: During the last few days of January and the first few days of February we had an extremely cold spell. The thermometer registered 30 degrees below, probably our coldest in 25 years. Considerable damage was done to the water systems here and a potential damage to fruit. Have had about one inch of snow and a light rain.

Flora and Fauna: More damage to the pine trees has been done this winter than any previous year by the porcupines. A special effort has been made on their control, and four of them have been eliminated. The deer population seems to be slightly on the increase, and all other animals are faring well as usual. Trees, shrubs and grasses all seem in good condition in spite of the dry weather

Roads and Trails: Continuous maintenance on the Monument road has kept it in excellent condition throughout the winter months. Little attention has been given the trails this winter.

Special Visitors: To my knowledge no special visitors have been to the Monument.

Information Pamphlets: About forty pamphlets have been distributed this month. Have about 17,510 on hand now.

Homer J. Farr
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Capitol Reef National Monument
Torrey, Utah

February 28, 1951

Superintendent
The Director, Southwestern Region
National Park Service
Santa Fe, New Mexico

From: Superintendent Lewis J. Nye

Subject: Monthly narrative report, January 30, 1951.

Visitors: There have been some 300 visitors in Capitol Reef National Monument during the month of January making a total of two thousand eight hundred during the first year and twelve days since opening for the fiscal year to date.

Weather: During the last two days of January and the first two days of February we had an extremely cold spell. The thermometer registered 30 degrees below, probably our coldest in 30 years. Precipitation totals are less by the usual airlines but a substantial change is here. Here but about one inch of snow and a light rain.

Fire and Flood: Zero damage to the park from fire and flood during this monthly period by the personnel. A special effort has been made to remove debris, and take of dead or dry trees attempted. The lack equipment makes it impossible at the headquarters and all other employees are trying hard to improve. Trees, shrubs and grasses all seem in good condition in spite of the dry weather.

Roads and Trails: Continuous maintenance on the Scenic Drive has been kept in a practical condition considering the winter weather. Little attention has been given the trails this month.

Special Features: No new discoveries or special visitors were here to the monument.

Interpretive Programs: Since early morning hours have been interested this month. Have about 17,000 so far.

Lewis J. Nye
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CASA GRANDE NATIONAL MONUMENT

COOLIDGE, ARIZONA

February 25, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Casa Grande National Monument

Subject: Monthly Narrative Report for February, 1951.

General: Travel was heavy again this month with an increase of 1056 visitors over the same period last year. This was probably due to the unusually fine weather which has brought an influx of visitors to the state that crowded tourist facilities beyond capacity and many visitors have had to sleep in their cars.

On Sunday, February 11th, The Denver Post published a well written article on the Casa Grande ruins by Frank Gianell. Accompanying the story was a very good picture of the ruins taken by the author. We quote one paragraph from the article:

> The Casa Grande ruins are among the most interesting in Arizona-- and remain in a fair state of preservation. At least civilized man can tell what it's all about.

Although we had one good rain, 1.65 inches, during the month, the water situation remains serious throughout Arizona. Even the advance thirty day forecasts indicate no immediate relief of the drouth.

On January 31st, Ranger Jim Clancy gave an illustrated talk to the Coolidge Lions Club. His talk was on the National Park and Monuments in Arizona.

February 7th, 117 grade school students from the town of Casa Grande visited the ruins. This is an annual event for the school, and they are, without doubt, one of the best behaved, orderly groups that it has been our pleasure to conduct through the ruins.

The New York Yankees have arrived at Phoenix for their spring training, and the Cleveland Indians are training at Tucson;

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CASA GRANDE NATIONAL MONUMENT

COOLIDGE, ARIZONA

which means we should have some pretty good exhibition games.

Weather: Generally clear warm days during the month with the high maximum of 93° on the 10th (shades of summertime, wow) and a low of 27°, the night of the 3rd. January 30th we had 1.65 inches of rain, and on the 31st we had .08 inches more. This was indeed fortunate as some of the younger children at the Monument had never seen rain before. Sunday, February 11th, set a new all time maximum record for Phoenix when the temperature reached 87°.

Visitors: Our visitors for the month showed a good gain over the same month last year; actually an increase of 21.8%.

	1951	1950
Visitors during February	5,884	4,828
Increase	1,056	
Visitors for travel year	19,732	18,346
Increase	1,386	
Servicemen during February	15	

Interpretive Service: A total of 3,761 people made the trip to the "ruins" in 244 groups, averaging 52.4 minutes per trip. There were 2,123 visitors who made only a short stop and did not see the "ruins"; we estimate that 70% of this group did see the museum.

Visitors of Note and Special Groups:

February 7 -- 117 seventh grade pupils from Casa Grande for a trip through the "ruins".

Ranger and Mrs. Dan Davis and family for a week vacation with friends here at Coolidge. Ranger Davis, former Archeologist at our Monument, is now Ranger at White Sands National Monument.

February 12 -- Ranger Larry Wilde of Walnut Canyon and Archeologist Arthur White of Montezuma Well for a brief visit and to look in on the Clancys.

February 23 -- Ranger and Mrs. Bill Nancarrow of Mt. McKinley National Park to make a visit to the "ruins".

which means an average date when jewelry and watches [illegible].

Weather: Generally clear with high [illegible] during the month with the high temperature of 60° on the 10th (Monday) of November, and a low of 19°, the night of the 3rd. Primary with we had 1.82 inches of rain, and on the 8th we had .05 inches more. This was followed intermittent at time of the [illegible] activity at the Armament had never even left before. Sunday, February 11th, we a new all time minimum record for Tucson when the temperature reached 10°.

Visitors: The visitors for the month showed a good gain over the same month last year, actually an increase of 1,[illegible].

	1941	1940
Visitors during January	4,704	4,[illegible]
Increase	1,[illegible]	
Visitors for fiscal year	34,[illegible]	1[illegible],[illegible]
Increase	1,[illegible]	
Attendance during January	16-	

Temporarily Closed: A total of 2,[illegible] people saw the exhibit in the "Tucson" on the grounds, averaging 82.4 visitors per day. There were 2,[illegible] visitors who made only a short stop and did not see the "Exhibit"; we estimate that 75% of this group did see the exhibit.

Visitors of Some and Special Groups:

January 7 — 121 Juvenile girls visiting from San Diego stopped for a long lunchtime in "Tucson".

Sunday, Jan. 5th, the Davis and Jacobs for a week touring with friends here (4 children). Tucson hotels, Sunset Apartments at our Sunset, in Sun-Tucson at Sunset Tucson.

February 22 — Tucson Lady Elks of Salem Lodge and Lodge Lodge Elks of Tucson full for a total visit and is also in the library.

February 23 — Tucson and Sun, 321 Sunset of 41, Infantry National Park. We made a visit to the "Tucson".

Administration and Protection: Ten requests for information were answered, and the literature requested was mailed. The Adamsville site received two personal inspections by the Superintendent, and there was no new evidence of "pot hunting".

The heavy traffic kept the maintenanceman busy walking behind the public and cleaning up after them.

A. T. Bicknell
Superintendent

J.N.C.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Chaco Canyon National Monument
Bloomfield, New Mexico

February 28,1951

Memorandum

To: General Superintendent

From: Superintendent, Chaco Canyon

Subject: Report of Activities at Chaco Canyon National Monument during the month of February, 1951

Weather Conditions

The long drought period was finally broken with two very welcome snow falls. These brought a total of .83 inches of moisture which was quickly absorbed by the dry earth. Temperatures were above normal with a high of 66 degrees and a low of -18.

Administration

Work continued on straightening out the filing system and Inventories were completed. A general statement for the Master plan was prepared.

Ranger Elmore was called into the Regional office on special assignment and left for Santa Fe the morning of February 25.

Maintenance

With the first moisture of any extent that we have had, the roads were able to be worked to advantage and were graded from boundary to boundary. A general program of repair of equipment and painting with identifying marks has been carried on as well as the cleaning out and partial repair of buildings used for storage. A general clean-up of grounds around the Ackerly property has been carried on and will continue. Mr. Art Werito was hired as a truck driver and will continue work on roads and trails, signs, Etc.

Approach roads

The State Highway Department started working the north approach from the Blanco trading post and are putting it in excellent condition. No work has been done on the south approach between Seven Lakes and the Monument. It is rough but passable.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Glacier Bay National Monument
Gustavus, Alaska 99826

February 24,1971

MEMORANDUM

To: Superintendent

From: Superintendent, Glacier Bay

Subject: Report of visitation to Glacier Bay to visual Glacier Bay during the month of February, 1971

Weather Conditions

The long midwinter period was finally broken with the very welcome snow fall. Glacier Bay received a total of 4½ inches of moisture which was quickly absorbed by the dry earth. Temperatures have been mixed with a high of 44 degrees and a low of -12.

Interpretation

Less emphasis on interpretation was the rule during most Tuesdays were semi-out. A general statement for the Junior Ride was prepared.

Roger Shaver was called into the national office on March 1 assignment and left for duty in the Bureau of Indian Ed.

Visitation

With the first motorcade of the season into on June 22, the roads were able to be opened to motorhomes and were greeted then Saturday by snowfall. A lessened program of travel of interest and publicity with identifying across the bank overall on is well on the climbing and the period equity of publicity mood for evening. A general slowdown of growth caused the weekly property has been overall on and will continue. Mr. Lil Dardis was hired for 1 year career and will undertake this on Jones and Tuesday, April 5th.

Concessions Media

The Alaska Highway Department activity working the north Glacier. Then the Glacier Bay with was joining of it in identity activities. We will his been done on the month up-coming Superior Center and the concessions. It is rough his possibly.

Visitors

Travel for this month was exactly the same as last year, 64 visitors. However, the travel year to date shows a sizeable increase.

Interpretive Services

A total of twelve and one-half hours was spent in eight conducted tours and sixteen museum contacts. Several persons arrived each time we had bad weather.

General

Charlie Attencio, who has worked as laborer off and on for the National Park Service for some years died and was buried at Crown point. After many sings and futile attempts to get him to go to the Hospital, he was finally persuaded too late and died on February 4 of a heart ailment. His death occurred shortly after arriving at the Hospital.

Meredith M. Guillet
Superintendent

C
O
P
Y

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Chaco Canyon National Monument
Bloomfield, New Mexico

February 26, 1951

Memorandum

To: The Naturalist

From: Archeologist Aid Rixey

Subject: Mobile Unit Report, February, 1951

The following is the report for the Mobile Unit activities here in Chaco Canyon National Monument for the month of February, 1951.

GENERAL

Archeologist Vivian is in the basement archives of the Anthropological building at the University of New Mexico trying to locate additional information concerning the Universities excavations here in the Monument. He plans to join us here at Mobile headquarters some time during the later part of the week.

Snow, sleet, rain, and plenty of windy days have made this month a hectic one. There were just enough summer like days to thin one's blood to the point that the nights felt as if that one strand fence between here and Alaska had completely collapsed. The common greeting around here is either a "katchoo" or an elongated "schnort".

Most of the work has been in the confines of the Mobile unit's laboratory, however, a few days of fairness came along and made possible the completion of the photographic "afters" of Bc-59.

Nine restored and cataloged vessels have been added to the study collection, and nearly as many more have been repaired. Several new types are now represented in the study. We have hopes of adding a few more odd and interesting vessels if there are enough fragments available.

The unexpected call of Ranger Elmore to the Regional office at Santa Fe, has deprived us of our W.A.E. clerk here at Mobile Headquarters. Mrs. Elmore, Tony, accompanied him to his new assignment. They tell us to cheer up, however, as he will be there for only a short time.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Theodore Roosevelt Memorial
Medora, North Dakota

February 23, 1961

Memorandum

To: The Naturalist

From: Superintendent Lee Shoop

Subject: Mobile Zoo Display, February 1-4

The following is the report on the mobile zoo activities here in Medora, North Dakota, during the month of February, 1961.

Attendance

Particularly there is no the measure attendance of the individual's ability at the totality of the public trying to insure additional otherwise accepting the curiosities interesting here in the Museum. We plan to join us here at mobile headquarters some time during the latter part of the week.

Now, final, rain, and plenty of snow here have made this work a hardship on me. There has not been greater interest to this date to the point that the visitors visit as it that one intend there because here and there not consistent collapsed. The summer visitor season here is either a "pleasure" or an alternative "memory".

Just at the end we had been in the vicinity of the mobile unit's laboratory, Dickinson, a few miles of relatively near along and also possible the construction of the mobile "office" of Medora.

Some problems and difficulties have been encountered in the study activities. All people in Medora are very nice to the possibility. Several can there all the mechanical in the other. We have hope of making a few more other interesting results if there are enough Dickinson visitors.

The mechanical call [illegible] flown in the personal office of Lewis Ty, the National is of [illegible] some is fully Photographic. Mr. Hunter, Chief, Interpretation is to the [illegible]. Our fall in [illegible], Montana, or I will be there for only a short time.

ASSISTANCE

Some assistance was given in the installation of the new power plant. Why do they make the derned things so complicated and heavy? I might add that they are also the gas eatinest outfits that were ever slung together.

MAINTENANCE

Perpetual motion is a fact when it pertains to seeps and leaks here in the office. Repair, I am afraid, is an unheard-of thing as the accumulation of years has added to the perplexity of the job. I believe each roof, and about every room has two to three leaks and is covered by about a square acre of earth. Some diversion tactics were tried and met with success to some extent. I wonder if repairs to this place would not come under soil conservation or errosion?

FOR THE COMING MONTH

Some plans are being made for the mobility of this unit for the coming month as there are two jobs coming up that will pull us away from headquarters. Archeologist Vivian is to head to Gran Quivira and I fear that Aztec is beckoning for the completion of the job there. This is of course all tenative until final plans are drafted here, and these plans are pending the arrival of G. Vivian.

Raymond Rixey
Archeologist Aid

Assistance

Some assistance was given in the installation of the new power plant. Why is they make the barrel rather so comfortable and heavy? I might add that they are also the new estimated profits that were ever going together.

Air-Conditioning

Personnel within is a fact that it perhaps to seats and Jacks here in the office. Merely, I am afraid, is an wizard-of things as the accumulation of years has added to the perplexity of the job. I believe each roof and about every room has two to three Jacks and is covered by about a square acre of earth. Some diversion tactics were tried and not all succeeds to some extent. I wonder if repairs to this alone would not come under soil conservation or erosion?

The Quartermaster

Some plans are being made for the mobility of this unit for the coming month as there are two jobs coming up that will pull us away from headquarters. Intelligent Orion is to head to Fran Quivira and I fear that Amos is backsliding for the completion of the job there. This is of course all tentative until final plans are drafted here, and these plans are pending the arrival of C. Vidian.

Lawrence Dixey
Archaeologist Lid

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Chiricahua National Monument
Dos Cabezas, Arizona

February 23, 1951

Memorandum

To: General Superintendent

From: Superintendent, Chiricahua

Subject: Monthly Narrative Report

There follows the Chiricahua Monthly Narrative Report for February, 1951:

WEATHER Precipitation at Chiricahua for February totaled .12" with sleet and light snow falling on the 14th and the 19th. Temperatures were mild for the winter month and provided many days of comfortable hiking. February was typical of the entire moderate winter. Only on two nights throughout the season has it been necessary to burn lanterns in the rest rooms to prevent freezing.

SPECIAL ACTIVITIES Ranger Gaynard took one day of annual leave to visit Saguaro National Monument. Operator General Marble was off duty from February 12 to 16 on sick leave.

PUBLICITY A very interesting article on Chiricahua was featured in the January-February issue of PACIFIC DISCOVERY magazine. Written by author-photographer Weldon Heald, the story covered eight and one half pages with many well taken pictures of the monument.

APPROACHES TO MONUMENT With little rain or snow, the Monument road remained in excellent condition through February. All approach roads are the same; the State having recently scraped the gravel road from Chiricahua to Willcox.

CONCESSIONS Correspondence continues on the problem of obtaining satisfactory insurance for the Faraway Saddle-horse concession. As valuable a service as this concession performs for Chiricahua, it is hoped that a policy will soon be offered. Copies of all correspondence have been forwarded to the General Superintendent.

It is of interest to note that February brought a comparatively great number of guests to the Silver Spur Guest Ranch. The previous winter months saw very few to no visitors accepting the accomodations.

INTERPRETIVE SERVICE Superintendent Cooke presented an illustrated lecture on Chiricahua to nine guests of the Silver Spur Guest Ranch on the evening of January 30. The talk lasted one hour and was very warmly received.

Three conducted hikes of Echo Canyon were held during February. Hikers in the groups totaled ten with each hike averaging two hours.

Five walks from Massai Point were made with thirty-seven visitors, each walk taking approximately one-half hour. One conducted auto tour with thirteen visitors was made during the month. These tours generally take one hour.

Nine visitors enjoyed the use of the Chiricahua nature trail.

Contacts in the museum totaled 1219 visitors in 334 parties.

TRAVEL Travel for the month of February showed an increase of 8% over February of 1950. The total number of visitors was 1367 and gave a 120% increase over the previous month. Chiricahua is now 431 behind the travel year total of 5521 recorded this date in 1950.

VISITORS Mr. and Mrs. J.F. Zerby, parents of Ranger Ben Zerby of Saguaro National Monument, visited Chiricahua on the 8th. Ranger and Mrs. Nancarrow of Mt. McKinley National Park camped and hiked at Chiricahua on the 17th and the 18th.

RANGER SERVICE Much Ranger time was again spent in February on the repainting, repairing, and the replacing of the Monument signs on approach roads. This project has occupied many hours of the winter months but is now about 90% completed.

TREE DISEASES Much concern is held on the browning of the Chihuahua Pine at Chiricahua. Where before it was thought that the period of drought caused the coloring, the trees now indicate a pathological condition. Action is being taken to determine the cause.

Clifford C. Gaynard

Clifford C. Gaynard,
Acting Superintendent.

[illegible]

[illegible]

[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Chiricahua National Monument
Dos Cabezas, Arizona

February 23, 1951

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TREE DISEASES — Much concern is held on the browning of the Chihuahua Pine at Chiricahua. Where before it was thought that the period of drought caused the coloring, the trees now indicate a pathological condition. Action is being taken to determine the cause.

Clifford C. Gaynard

Clifford C. Gaynard,
Acting Superintendent.

[illegible]

[illegible]

[illegible]

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
El Morro National Monument
El Morro, New Mexico
February 25, 1951

Memorandum

To: General Superintendent

From: Superintendent, El Morro

Subject: Monthly Narrative Report

There were 101 visitors to the area this month who came in 35 automobiles. This is 174 per cent increase over last year. For the first five months of the travel year, we have had an 88 per cent increase in visitors over a year ago, and 247 per cent increase over two years ago! Of these 101 visitors, 84 took a trip around the Rock in 26 parties; 25 persons in 11 parties received an orientation talk and 4 persons in two parties went over the top of the Rock.

The coolest this month was a 20 below, and the warmest was a 62 above, degrees Fahrenheit. There was .65 of an inch of moisture which fell in several snow falls. The weather has been good and the approach roads excellent.

The big news this month I heard last night at a Chamber of Commerce banquet in Grants. In great part through the efforts of recently re-elected State Senator Gotlieb, who was instrumental in securing the good road we have now, a bill was passed through the State legislature to improve and oil some of the road between the Lava Caves and Grants. At this rate, we will soon have an oiled road all the way to Grants!

We had some more trouble with our light plants, but after the technician's monthly checkup, they have worked very well -- only minor troubles now and then.

The radio batteries got so weak that we could hardly hear anything. We got some new ones, finally, and could then receive all right, but after a few days we found that we could not transmit. The radio technician is expected by tomorrow to locate the trouble for us.

One day was spent shoveling several tons of coal around. First, it was shoveled from the coal bin into the truck and then from the truck into the basement. Several trips were made to town hauling materials for the picnic tables and fireplaces.

Superintendent Aubichon sent us 53 names from his Long House near Kayenta to see if the men also stopped here. Strangely, after checking, not one man, apparently, stopped at both places.

For the first time since we have been here, we have had a few hours this month to do a little reading and research. We found that a few minor errors in interpretation had been made. We are in correspondence with several sources in Mexico and several municipal, county and state organizations in the States in an effort to identify some of the names.

Recently, we have seen a fox: a large, sleek coyote, and the two eagles are back. This is in addition, of course, to the cottontail and jack rabbits, pinyon jays and other animals and birds usually seen.

Irving McNeil, Jr.
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Gran Quivira National Monument,
Gran Quivira, New Mexico

February 25, 1951

Memorandum

To: General Superintendent

From: Superintendent, Gran Quivira

Subject: Monthly Narrative Report for February 1951

Weather. The weather has been hard to get along with this month. Snow, hail, rain, high winds, and balmy sunny days were received. Seven inches of snow fell on the 31st totalling .52 of an inch of moisture with the minimum temperature that night falling to fourteen below zero. A maximum temperature of 68 degrees was reached on the 10th. Wind prevailed almost all month with six days recorded in the "high wind" category; rain and sleet totalling .10 of an inch was received on the 24th.

Cooperating Governmental Agencies. State Game Warden W.A. Humphries and Ranger H. Earle, U.S. Forest Service, were in on the 11th to discuss the possible stocking of the monument with several coveys of quail.

Visitors. Joe H. Toulouse, former Custodian of Gran Quivira, and wife, Betty, on January 28.

Mrs. Boatwright, Ida Lenz, Region Three, and party, on January 28.

Harry Linder, Chief Clerk, Platt National Park, on the 12th.

Special Activities. A one day trip was made into Albuquerque for supplies on the 6th.

Maintenance and Rehabilitation. The utilities project is nearing completion and the electric unit has been placed in temporary operation. Additional material is on order which will complete the job. Electric wiring for lights to the pump house was completed.

Forty feet of telephone line from the residence to the office was placed in underground conduit.

Road and trail maintenance continued during the month.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Cape Cod National Seashore,
Post Office, Box Orleans.

February 18, 1951

Memorandum

To: Regional Director

From: Superintendent, Cape Cod

Subject: Monthly Operation Report for February 1951

Weather. The weather has been very fair so far which has been very unusual. Snow, rain, fog, high winds, and cold days have been rarely. Water levels at Wellfleet Harbor, Pamet Harbor, Nauset Harbor and Chatham Harbor are at minimum mark for minimum requirements for shellfish. Water levels at Provincetown Harbor are at normal mark. A decrease temperature of 40 degrees was recorded on the 24th. Some recreational element will begin with the date recorded in the Cape Cod Canal Bulletin; this was Coast Guard operating. It is not in use, not operational at the time.

Operation Development Program. Start has been made. Supervisor and Ranger in charge, U.S. Forest Service, have in mind the idea to change the operation phasing of the seasonal with general review of cost.

Visitors. Jan 8, Thelma Frost Dandelion of New Orleans, was with Mrs. Smith, in charge of.

Mr. Sweetser, Mr. Lord, Evelyn Ryan, and party, of Lenox, Mass.

Mary Lazar, Coast Guard, Cape Cod Canal, was in the area.

Social Activities. I was in Hull and Cape Cod attendance for meeting in the 18th.

Maintenance and Availability. The Maintenance section is keeping equipment and the operating unit has been doing is keeping operation. Historical Society is in a good shape and keeping the job. Safety Patrol, for Stone, is the most basic and satisfied.

Early part of February the office was closed in observance Washington.

Good for Hull Maintenance Department Office is open.

Monthly Narrative Report - Gran Quivira - February 1951

UNITED STATES

DEPARTMENT OF THE INTERIOR

Approach Roads. Both Approach roads were closed for two days following the heavy snows of January 30-31 but travel has been normal since then. Two new approach road signs were installed on the Carizozo route into the monument.

The State maintainer bladed the Mountainair approach following the wet period and it has remained in good condition throughout the month.

Travel. Visitation to the monument increased 35 percent over 1950 this month. 122 persons in 40 cars were recorded, 30 percent of these out of state cars.

Interpretive Services. Guide service was provided to 97 persons in 25 parties for an average of 48 minutes per party. 25 persons in 9 parties used the self guiding trail through the mission.

General. Ed Cottam, District Forest Ranger for this area for many years, transferred to another assignment at Carlsbad, N.M. He was replaced by Ranger Harlan Johnson, transferee from Arizona.

Ray B. Ringenbach,
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

GREAT SAND DUNES NATIONAL MONUMENT
Alamosa, Colorado

February 25, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Great Sand Dunes

Subject: Superintendent's Narrative Report for February, 1951

Weather Conditions

The salient feature of February weather was the lack of moisture. We recorded only 0.06 of precipitation which fell in three light snows. The minimum of -18 degrees on February 1 was not representative of most nights as over half of the minimum temperatures recorded were above 15 degrees. The maximum recorded was 61 on Feorrary 11.

Special Activities

I attended the Mosca-Hooper-Moffat Service League on February 5.

General Publicity

An article on the Great Sand Dunes by Robert M. Ormes appeared in the December Natural History Magazine under the title of "The Naked Hills."

Rehabilitation

The remainder of the storm sash were received from the Wallrich Lumber Company and partly installed. A great difference has been noted already in the difficulty of heating the house during cold windy days. On February 1 when the minimum of -18 was recorded the windows without storm sash were completely frosted over but those with storm sash had no frost whatever.

The tool shed at the back of the house was moved back into the pinon trees and hidden from view. This will allow us to proceed with the wall rehabilitation when warmer weather comes. A truck can now be backed right up to the door of the shed.

The asphalt tile for the floors ordered through the Federal Supply Service a month ago by the Region Three Office has not yet

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

ROCKY MOUNTAIN NATIONAL MONUMENT
Estes Park, Colorado

February 26, 1961

Memorandum

To: General Superintendent, Intermountain National Monuments

From: Superintendent, Rocky Mountain

Subject: Superintendent's Monthly Report for February, 1961

Visitor Statistics

The visitor figures of February mirror the time of moisture. We recorded only 9.4% of previously-held fall to time light snow. The minimum of -11 degrees on February 1 was not, respectably of most nights on other half of the minimum temperature reached very above 11 degrees. The maximum reached was 61 on February 11.

General Activities

I attended the Rocky-Grove-Alfa Service Union on February 5.

Special Facilities

A article on the great Lake Lodge by Robert W. Ormes appeared in the December Estes Park Trustee which the editor "Ed Lewis" utilize."

Rehabilitation

The reality of the wind has been received from the culture Junior Chamber and nearly installed. A grant to Colorado has been added already in the difficulty of getting the lodge with vinyl tops. On February 1 when the minimum of -11 was reached the window without shade just very immediately frozen over but there is storm sash but no final solution.

The bell shed at the foot of the house was moved back into the place from its sitting from step. This will take up to planned with the well installation when moving visitor access. A flame tap may be behind right up in the door of the shed.

The capsule file for the Fleers reviewed through the Federal Supply Service a month ago by the Junior Office Clerk has not yet

arrived so that project is at a standstill. Enamel has been removed from one bedroom floor in anticipation of its arrival.

Maintenance

Both light plants have required repair this month. One with new valve springs installed is now back in operation while the other is now at Reide Motor Company for the installation of new rings and valve springs.

The Galion Motor Grader was also taken to Mosca for the installation of a new clutch. It, too, is now back in operation and the entrance road was bladed twice during the month.

Interpretive Services

Three talks were given by me during the month as follows.

The first was given to 13 members of the Half-century Club in Alamosa on February 7. The subject was "Desert Reptiles" illustrated with slides from Organ Pipe Cactus National Monument.

The second was given to 11 members of the Native Daughters of Colorado on February 12 in Alamosa. The subject was "The Great Sand Dunes National Monument" illustrated with 35 mm. slides.

The third was given to 17 members of the Wesley Foundation of the Alamosa Methodist Church on February 18. The subject was "Plants of the Desert" illustrated by slides from Organ Pipe Cactus National Monument.

Research and Observation

Considerable work was accomplished on the fact files and one of my days off was spent in the Adams State College library looking for material on the mammals and birds of this area. A mouse which met an untimely end in the kitchen cupboard fit the description and measurements of the San Luis Valley Harvest Mouse as given by Anthony.

Approach Roads

Alamosa County has bladed the approach road about every ten days and it has been in good condition all winter. The road south to Highway 285 is also in good shape except for the two mile rocky stretch above the Zapata Ranch.

[illegible]

[illegible]

[illegible]

Co-operating Governmental Agencies

The Director of the Colorado State Game and Fish Commission issued me a deputy game warden's card during the month.

The Colorado State Game and Fish Commission planted a number of antelope just south of Highway 285 and west of Blanca last month. These would be only about 14 miles from our south boundary but intervening fences will probably keep them from working this far.

Decrease in Travel

Travel figures continued to fall below those of last year despite the nice weather. The decrease of almost 20% was less than that of last month, however, and the 956 visitor decrease in annual travel thus far will not seem much if summer travel holds up.

(SIGNED)

Glen T. Bean
Superintendent

Co-operative International Lectures

The Bureau of International Lectures has sent Miss Dunbar to lecture as a deputy some student's part during the week.

The Colorado Lights have sun fish communities planted in another of midslope just south of Bigway 36 and west of Kinsa Lake South. These would be only about 14 miles from our north boundary but intervening farms will probably say this motion bit a for.

Lectures in Russia

Travel figures maintained to fall below those of last year despite the mile section. The decrease of about 20% has lasted that of last month, however, and the 20% winter decrease in normal travel time for will not need work if remove travel halls up.

(SIGNED)

Tim G. Doe

Secretary-General

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Montezuma Castle National Monument
Camp Verde, Arizona

February 25, 1951

Memorandum

To: General Superintendent

From: Superintendent, Montezuma Castle

Subject: Monthly narrative report, February 1951

Weather: The weather this month was excellent. The days were relatively warm with percipitation recorded for only three days. The average daily temperature has ranged in the mid 60's with extremes at 43 and 82 degrees. The night temperatures averaged 30 degrees with extremes at 45 and 20. The last two days have been for the most part cloudy with frequent light showers here in the valley and snow at higher elevations.

Travel: Continued good weather conditions no doubt have kept travel up this month. The 563 recorded cars bringing 1882 people into the area tops the travel figures for this month for the past five years. These figures show nearly a 30 per cent increase over this month of last year. The break down of the above figures shows that 1521 people in 427 cars visited the Castle while the remaining 361 people in 136 cars were recorded at the Well.

Interpretation: 248 people were taken through the Castle on 86 conducted trips. As usual, numerous trips were taken with only one or two persons.

At the Castle, 1250 people visited the museum, 480, who did not take the conducted trip through the Castle, recieved interpretative talks, and about 1000 people took the self-guided tour along the Sycamore Trail. At the Well, 66 people visited the museum during the 19 hours that it was open and 361 people took the Loop Trail.

Maintenance and Construction: During the month some needed maintenance was done. The living room of residence #2, the public rest rooms and the main room of the museum were given a much needed coat of paint. The wooden clothes line posts of the two residences at the Castle, long needing replacing, were taken down and steel posts were put up. The pipeline in the kitchen of residence #1 broke beneath the cement floor and after much excavating to find it, the broken section was replaced.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Southwestern Monuments Monument
Casa Grande, Arizona

February 24, 1941

Memorandum

To: General Superintendent

From: Superintendent, Southwestern Monuments

Subject: Monthly narrative report, February 1941

Weather: The weather this month was excellent. The days were relatively warm with precipitation recorded for only three days. The average daily temperature has ranged in the mid 60's with extremes of 82 and 22 degrees. The night temperatures averaged 27 degrees with extremes of 43 and 20. The last two days have been the warmest and cloudy with frequent light showers here in the valley and some of higher elevations.

Travel: Continued good weather conditions so far this year have caused up this month. The 221 campers were totaling 1261 people into the area have the highest figures for this month for the past five years. These figures show approx a 40 per cent increase over this month of last year. The week days of the above figures show that 1181 people in 87 cars visited the Ruins while the remaining 881 people in 134 cars were recorded at the Hall.

Interpretation: 343 people were taken through the Ruins on 22 conducted tours. In addition, numerous trips were taken with only one or two persons.

At the Ruins, 1200 people visited the museum, 400, city 724 and this the concerned trip through the Ruins, received interpretative talk, and about 3000 people had the self-guided tour along the Pressure Trail. At the Hall, 22 people visited the museum during the 12 hours that it was open and 301 people took the Lady Trail.

Maintenance and Construction: During the month were summer maintenance was done. The Lizard Rock or Pedestal (?), the public first room and the main room of the museum were given a much needed coat of paint. The smaller airshaft like ports of the two pueblos of the Ruins, have crumbling replacing, were taken down and other ports were put up. The pipeline to the climbers of residence (?) below Lemmick's by means flow and after wood constructing in 1941 (?), Superintendent Hall was replaced.

Roads and Trails: Bushes and trees along the road to the picnic ground at the Castle were trimmed back. The cattleguard at the Well was replaced due to the fact that several of the beams had broken and the rest warped to the extent that it was a hazard to cars. Graveling of the Loop Trail at the Well was completed. Lacking now is the bitumul cap. This will be put on in the near future, weather permitting.

Wildlife: Some signs of returning spring in the form of robins have been noticed both at the Well and the Castle. A flight of mountain blue birds was recorded at the Well along with numerous western meadow larks. At the Castle several kinds of sparrows were noted and recorded as well as two hawks and some ravens.

Visitors: Bill Wanearrow, ranger from Mount McKinley National Park, and wife, Virginia, came through for a visit on the 23rd.

John D. Cook
Superintendent

Navajo National Monument
Tonalea, Arizona

February 28,1951

Memorandum

To: General Superintendent

From: Superintendent, Navajo

Subject: Report 1m1, Monthly Narrative Report for February, 1951

Travel: Six persons traveling in three cars found their way to the Monument during the report period. One group chose to hike to Betatakin and the other parties viewed the ruin from the canyon rim.

Weather: The high temperature for the month was 57° and the low was 4 degrees below zero. Not quite one half inch of moisture has been recorded for February.

Roads: Our roads are in fair condition but need blading while there is some moisture in the ground. One attempt was made to blade but the ground is still frozen.

Inspections: A trip was made to Scaffold House and Swallow's Nest Ruins to obtain some needed information. While Swallow's Nest Ruin is somewhat commonplace in appearance Scaffold House is spectacular, especially that feature for which the ruin is named. A trip was made to Long House to copy the inscriptions but we were discouraged by a very cold wind. One day was spent inspecting the trails and noting repair work to be done.

Maintenance: The water system has chosen February as a holiday period or so it seems. The radia tor on the generating plant started leaking, the foot valve on the pumping system stuck in the closed position, a serious short developed in the spark plug wiring on the generating motor and at the last attempt to pump water, two of the three pistons in the pump were maliciously doing nothing more than agitating the water.

Construction Project: The Perfatape joint compound has been applied to the new bedroom walls and ceiling and also the walls and ceiling of the new service porch. It is my considered opinion that the invention of plaster wallboard and the perfatape joint system are the most lavishly devised and fiendish works of the Devil as yet come to light.

Marble National Monument
Tonalea, Arizona

February 28,1951

MEMORANDUM

To: General Superintendent

From: Superintendent, Marble

Subject: Report 141, Monthly Narrative Report for February, 1951

Travel: The western travelling is never very heavy but traffic may be the heaviest during the report period. The trend toward travel to Lake Powell and the other parties almost via rail from the coast.

Weather: The mild temperature for the month was 67° and the low was 2 degrees below zero. But water has held just of matters its been received for February.

Roads: The roads are in fair condition but need blading where there is some moisture in the ground. The attempt was made to blade out the ground in still frozen.

Improvements: A trip was made to Hartford Junior and Indian's Sun House to obtain some needed information. While Indian's Sun Ruin is somewhat encouraging in appearance Hartford Junior ruin is extremely dangerous especially that feature for which the ruin is known. A trip was made to long house to copy the inscriptions but we were discovered by a very old man. The day was spent inspecting the trails and noting repair work to be done.

Maintenance: The water system has shown increasing as a result of prime or so it seems. The cause the so the pumping plant starter leaking the last rain on the pumping stream in the flood plain. Various about cleaning in the park play ground on the campground water and at the last attempt to pump water, the or the three plants in the park were mechanically doing normal work than activating the water.

Construction Project: The Portland Joint contract for new septic in the new between main and mining and the trails and building of the new service pump. It is my understand plans that the improvement of plants building and the particular plans started are the most lavishly devised and tremendous work of the built in the park in light.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

The ceiling joists have been installed in part of the new garage and forms and batter boards are in place preparatory to pouring the cement floor. As weather permits, casement windows are being puttied. Insulating batts have been installed in part of the unfinished garage. The remainder will be placed as soon as we can get to it.

General: The generator serving the house was cleaned and tuned and new spark plugs installed. A 125 gallon gasoline storage tank was placed outside the generator building to serve the plants.

An underground cable was laid between the generator house and the hogan.

A start has been made on a Fact File for Navajo with 175 cards completed so far.

Publicity: An article appearing in the Sunday, February 18, LOS ANGELES TIMES has started a chain reaction of inquiries concerning trips to Keet Seel. The first mail delivery after the appearance of the article brought many letters asking for information and one telephone call from a man in Los Angeles who was in a hurry to make arrangements for a trip to the Ruin to be undertaken April the first. One man writes stating "Please send me all your information", another wishes to bring his own horses (from California) to make the trip and a third has "long dreamed of visiting an undiscovered ruin".

Miscellaneous: The superintendent took a Navajo woman and her 10 day old baby to the hospital at Tuba City for treatment. On their return they spent two days with us while waiting for transportation by horseback to their home in the canyon.

John A. Aubuchon
Superintendent

The ceiling joists have been installed in part of the new garage and farm and better homes are in place preparatory to pouring the cement floor. As weather permits, concrete mixers are being pitched. Insulating tube have been installed in part of the unfinished garage. The remainder will be placed as soon as we can get to it.

General: The generator serving the house was cleaned and based and new spark plugs installed. A 183 gallon gasoline storage tank was placed outside the generator building to serve the plants.

An underground cable was laid between the generator house and the farm.

A start has been made on a Part-Time for People with IQ's parts completed as far.

Publicity: An article appeared in the Sunday, February 16, Los Angeles Times has started a small reaction of inquiries concerning trips to Lost Goat. The first mail delivery after the appearance of the article brought many letters asking for information and one telephone call from a man in Los Angeles who was in a hurry to make arrangements for a trip to the Sierra to be interpreted April 5th. The man writes stating "please send me all your information; weather wishes to bring his own horses (from California) to make the trip and a friend has "long dreamed of visiting an undiscovered ruin".

Miscellaneous: The superintendent took a Navajo woman and her 17 day old baby to the hospital at Tuba City for treatment. On their return they spent two days with relatives waiting for transportation by horseback to their home in the canyon.

John A. Hudson
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Organ Pipe Cactus

Ajo, Arizona

February 26, 1951.

Memorandum

To: General Superintendent

From: Superintendent

Subject: Monthly Narrative Report lml for February 1951

Weather

Our usual good weather held most of the month with two or three days of high winds. Low for the month was 32° on February 1 with a high of 90° on the 10th. Two small rains fell during the period with .06 of an inch on the 17th and .18 on the 23rd. With warm weather continuing we may have enough moisture to bring out the spring flowers.

Special Activities

All time that a man could be spared from the administrative force assistance was given on road work. The road between Dripping Spring and Quitobaquito was graded, which now allows a 41 mile round trip through the area.

Engineer Conn spent February 4 to 14 in the area on Soil and Moisture work. An inspection of Indian Service work was made by the Superintendent and Mr. Conn to see what could be learned from their experience.

The Superintendent spent February 20 in Tucson checking County probate records and arranging for aerial mapping of the headquarters area.

February 19 was spent with Paul F. Cutter, of Bureau of Land Management, checking spring flow in the monument.

Inspections

Landscape Architect Miller spent February 14 to 17 on the area on master planning and general inspection of the area.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Yosemite National Park

Yosemite, California

February 20, 1970.

Memorandum

To: Special Representative

From: Superintendent

Subject: Energy Terrelle Smith lost the Summer 1969

Background

[illegible]

Special Activities

[illegible]

[illegible]

[illegible]

Implications

[illegible]

Yosemite File Copy

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Maintenance

While maintaining the road the open well at Dripping Spring was filled and a parking area made over it. This eliminates one of our very dangerous situations and we will rest easier when children are taken to the Spring.

Travel

Travel broke all records again this month with 18,828 through the area. Campground facilities were overrun with 1,222 campers for the month.

BUILDING Fire Protection

A fire of unknown origin started in Residence #2 on February 1. Loss was limited to a mattress, bedding, and some scorched paint.

Personnel

The flu has had most of the monument personnel down during the month. Rangers Steele and Leding are on sick leave now and nearly all wives and children have been sick.

William R. Supernaugh
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Saguaro National Monument
Tucson, Arizona

February 25, 1951

Memorandum

To: General Superintendent

From: Superintendent, Saguaro

Subject: Monthly Report, February 1951

Travel to Saguaro National Monument was good throughout the month with peak visitation on Sundays. A slight increase was recorded over February of 1950. Weather conditions were generally pleasant except for general rains on February 19 and 24 which brought some relief to the parched earth. For the third consecutive month it has been necessary to haul water to Madrona Ranger Station.

Tucson will at last be favored with a major industry, namely the Hughes Electronics Company, being established near the Tucson Municipal Airport. The company will employ some 1500 people and thus marks the first important milestone to industrialize the community. It is noted that real estate values have already begun to soar as a result of the new industry being established here, (See Status of Private Lands)

Temperatures for the month ranged from a minimum of 30° to a maximum of 84°.

Special Activities

Biologist Lowell Sumner completed his studies of wildlife conditions at Saguaro which entailed long hours in the field and over the microscope making accurate determinations of predator food habits. It is interesting to note the winter food habits of the coyote in particular indicates that 75% of their diet is seeds, mostly juniper and Manzanita berries.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Glacier National Monument

Kalispell, Montana

February 25, 1964

Memorandum

To: General Superintendent

From: Superintendent, Glacier

Subject: Monthly report, February 1964

General. In Glacier National Monument the long hibernating bear world was jarred awakening on February. A sizable increase was recorded over February of last. Weather conditions were generally favorable except for general rain on Thursday. It was 24 on 28th. Insights were added to the general work. The ice bridge excursion trips began in the back country to kill worms in various budget facilities.

Thaws will at last be favored with a major industry, namely the Hungry Horse Company, which originated near the Canada National Airport. The company will employ some 1000 people and thus make the first important alternate to interpretive the economy. It is noted that real estate values have already been to meet on a result of the new industry being established here.
(See issues of Friday Times)

Temperatures for the month ranged from a minimum of 60 in a maximum of 24 .

Special Activities

Midnight tramps were required the station of a visitor conducted at Lunsen which started from Belton in the state for over the discussion social economic development of greater food habits. It is interesting to note the winter food habits of the mountain Bighorn with TEE of Fish Lake is small, mostly juniper and bunch-it- berries.

- Glacier National Monument -

Status of Private Lands

We were informed by the agent handling the property, that Section 29 within the Monument boundaries is no longer for sale. Evidently the land boom created by the Hughes enterprise has prompted this action on the part of the owner.

Master Plan

The Superintendent and Supervisory Ranger have been engaged in assembling material for revision to the Saguaro Master Plan. This requires exhaustive research and display in the arts of composition.

Maintenance

The Cactus Forest Loopread was graded periodically during the month and is in good condition at present,

Repairs were effected to the entrance road to Madrona Ranger Station in February.

New Construction

The Madrona Ranger Station Bedroom Addition was completed in February. Completion of painting and other minor tasks was accomplished and the area was cleaned up.

Approaches to Park Area

Local citizens have become quite enraged with the condition of the Broadway Approach Road. It was a bitter pill to swallow when work ceased on the Spanish Trail Approach Road but, in addition, periodic grading of the present road has also ceased. It appears that one more season of heavy travel will pass with no better than mediocre access to Saguaro National Monument.

Cooperating Government Agencies

Dr. Lyle Sowls, Biologist, U.S. Fish and Wildlife Service, together with other officials of that Service (see visitor list) visited Saguaro National Monument on February 13, to inspect wildlife environs in the Lower Sonoran Life Zone of the area. Dr. Sowls indicated that funds may be forthcoming for a wildlife study to be made in southern Arizona areas by his department and that an agreement could be worked out to include Saguaro. They are especially interested in making studies on monument lands relating

Status of Private Lands

In some instances by the agent building the property, and making it which the economic accelerator is no longer the main, financially the land been results by the Chinese enterprise has impelled this action on the part of the owner.

Labor Line

The industrialists and industrialists budget have been engaged in promoting material the problem to the Japanese market. This involves economic involves and dialogue in the area of competitions.

Relationship

The Latin Tribal Internal and cradle personalities having the modes not is in good relation of jewelry.

Regions have effected to the outcome and is matrix budget training is history.

New Construction

The Nations Tribal Internal Patterns facility we inquired in history. Implication of mining and other other kinds has established and the land has closed so.

Information on Plot Size

Land activity also based plots average (1) the knowledge of the Tribal Chinese Land. In so a other will by building that such answer as the Tribal Tribal activity Land and. In addition, partially quality of the income road has also change. It already that so have change of land Tribal will lack with in lower than medium areas in Tribal Tribal Chinese.

Cooperative Investment Industry

In this media, Industry, N.T. Tiel of Tribal Tribal, research with input activity of for Tribal land Tribal. Tribal Tribal Chinese Tribal Chinese in industry is, in Tribal Tribal life supported by the labor factors. It land of the area. In. Tribal indicated that land may in industrial for Tribal Tribal to be such in western Tribal area. In the accident are has attempt will be added for to income Tribal. The has especially important in making study in Tribal land relative

to deer. These studies would prove invaluble as decimation is not permitted by hunters.

It was also indicated that summer food habits of predators would be included in the studies, through the media scat analysis. Formal application to make studies on the monument will be forthcoming contingent to availability of funds.

Interpretive Services

A total of 3739 persons in 1182 parties were given interpretive service at headquarters. This amounted to a total of 298 hours for an average of 15 minutes per party.

Museum Activities

Construction of the new wing on the arboretum was completed during the month for the display of flowering plants. Some twelve native perennials were transplanted and labeled, with more to be added as time permits. This work was accomplished by the rangers when an opportunity was afforded.

Research and Observation

Jan. 27, one Ladder-back Woodpecker (Dryobates scalaris subsp.)
" 28, 20 Javelinas
Feb. 2, one Mule Deer (buck)
" 3, two Golden Eagles and one Desert Bobcat
" 17, one coyote and 8 Purple Martins (Progne subis subis)

Increase in Travel

A total of 5900 persons visited Saguaro National Monument in February. This represents an increase of 924 visitors over last month, and an increase of 22 visitors as compared to the corresponding month one year ago.

Visitors

Feb. 1, Ted Knipe, Jack Moggridge, and Bob Smith, Arizona Fish and Game Commission,
" 5, Dr. Wal Broadbrooks, University of Arizona.
" 6, Leland D. Case, Editor, Rotary Magazine, Chicago, Ill.
" 7, Melvin Johnson, Supreme Commander Northern Jurisdiction, Masonic Order.
" 12, Joseph Joffe and wife, Administrative Assistant, Yellowstone National Park.
" 13, A.E. Borrell, Regional Biologist, SCS, Albuquerque, N.M.
C.R. Gutermuth, vice-pres. Wildlife Management Institute, Washington D.C.
Dr. D.L. Leedy, Biologist, U.S. Fish and Wildlife Service Washington, D.C.
L.K. Sowls, Biologist, U.S. Fish and Wildlife Service, Tucson, Arizona.
Ranger Grover Steele and family, Organ Pipe Cactus Nat. Mon.

[illegible]

[illegible]

[illegible]

Feb. 14, Ranger Cliff Gaynard and family, Chiricahua Nat. Mon.
" 17, Mr. and Mrs. Art Metzger, Grand Canyon National Park.
" 19, Ranger and Mrs. William Nancarrow, Mt. McKinley Nat. Park
Chris Hauck and wife, Sanitary Engineer, Yosemite National Park.
Dr. Howard Thurman, Pastor, Fellowship Church, San Francisco, California.

Insects and Tree Diseases

Reports received from the Agriculture Research Administration, Division of Forest Pathology, indicate a fairly high percentage of mortality in the Giant Cacti over the period 1941 to 1950. However, it is gratifying to note that Dr. Lake S. Gill summarized the report by saying, "Within the Saguaro National Monument there are vast acreages well stocked with Giant Cacti all less than 18 feet high which could very well become the spectacular forests of the future."

Personnel

Laborer-leadman Frank Stansberry has not been too well at times lately, but insists on remaining in duty status. I have suggested that he have a thorough physical checkup, but to no avail.

Maintenanceman Ollie Barney has accepted the position of maintenanceman at Tumacacori National Monument. He will leave for his new position at the end of February. We wish Ollie the best of luck and will miss his services at Saguaro.

Hazard Removal

In order to prevent accidents the cracks between the steps, leading down to the arboretum, were filled with concrete and smoothed over. This will afford sure footing for visitors using the steps between the parking area and the arboretum.

Samuel A. King
Samuel A. King
Superintendent

[illegible]

[illegible]

[illegible]

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
TONTO NATIONAL MONUMENT
ROOSEVELT, ARIZONA

28 February 1951

Memorandum

To: General Superintendent, Southwestern National Monuments.

From: Superintendent, Tonto.

Subject: Narrative Report, Tonto, February, 1951

Weather: Rains fell on the 29th to 31st (2 inches) and the 18th and 23d to 25th, with more forecast in the near future. The first of the month was cold, but the weather became quite balmy during the middle of the month.

Roads: Wet weather allowed extensive grading of approach and entrance roads and they are comparatively smooth and dust free for a change. Bid prospectives and plans have been distributed for the replacement of the narrow bridge on the entrance road.

Visitors: B.J. Burke and family, USFS, Custer, S.D. on Feb. 9. Syd. Jamison of Casa Grande Natl. Mon. on the 12th. Dan Davis of White Sands Natl. Mon. on the 14th. J.M. Conn for a short conference on the new bridge, Feb. 15. Railway Club of Southern Calif. (20 people) Feb. 10.

Travel. 2926 visitors in 850 cars as compared with 2590 a year ago this month. The war scare seems to have worn off. Phoenix reports a full house every night.

Nature Trail: Three easel displays have been placed on the ruins trail: one on the dam and lake; one on cactus blooms; and one on geology, conservation and ruins protection. Temporary Ranger Vicklund constructed the easels and did the lettering, plans of the easels were sent to Santa Fe for Region Four. We are awaiting the arrival of the nature trail pamphlets to commence operation of what we hope will be an aid to our puzzled tourists.

Photography: Several photos for easel displays were obtained from the regional files. A booklet of photos showing construction work on the parking area was made by Supt. Sharp. Several kodachromes on Tonto were loaned to the regional office.

Interpretation: A new register desk, with storage space, was constructed by Viklund and put into use. Some rearranging of the museum and office to secure more and better space, was done when a case of spring fever hit the Monument. Word has been recived of the shipment of two new storage cabinets, one of the insect storage type and the other a two-drawer herbarium. Signs and labels have been standardized with the skill of Viklund and one of Dale Kinns Leroy lettering sets. The burial of the premature infant found in Room 8 of the lower ruin during last years excavations was reinterred as an "in situ" display. Ten thousand new revised edition of the Tonto 2-fold leaflet were received.

Wildlife: Signs of spring: The swifts are back in the cave; flower plants are appearing and a few of the Desert Hyacinths are blooming. Javelina season opened the 15th of this month, two weeks early, and will continue through March. State Game Department says that this area is overstocked with Javelina.

General: The Dodge dump was gone over to tighten various bolts that the Apache Trail had loosened. Road signs were replaced or changed were experience has shown the need. A load of scrap pipe was obtained from the Water Users for use as telephone poles. Roadside guide posts were ordered and will be put along the curve to the parking area as soon as received.

Charles C. Sharp
Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Tumacacori National Monument
Tumacacori, Arizona

February 25, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Tumacacori

Subject: Superintendent's Monthly Narrative Report for February, 1951

Weather: Temperature ranged from a maximum of 87 on the 10th to a minimum of 20 on the 2nd and 20th. Precipitation was .56", compared to the average of .71 for the past 13 years. Weather has been pleasant for the greater part of the month, but rainfall has been too light to be of much value to this part of the state in recovery from the drowth of the last year.

Visitor Travel: A total of 6,007 visitors has broken all monthly travel records in the history of the monument. It exceeds by over 28% the figure of 4,303 visitors for February of 1948 (the highest previous February), and by over 19% the highest previous month, which was April, 1939. This latter was a freak travel figure, for it was in April 1939 that the museum building here was dedicated, which brought crowds of extra people to swell the month total to 4,850 persons.

During the past 12 months this tiny national monument has had 32,364 visitors, far higher than any other 12 month period in history.

Interpretive Service: 2,473 persons went on 314 guided trips through the mission church and grounds, receiving an average of 36.65 minutes per trip. 5,815 persons received combined Information and Interpretation service, and 5,762 saw the museum and patio garden.

The highest number of guided trips recorded in a previous month was 273 for February of 1947.

The biggest visitor day in my experience here was on February 10, when we had a total of 445 visitors (counted), including six large Greyhound busses containing 236 persons on a Dons Club sponsored tour, out of Phoenix. On this day we took 288 visitors through the mission church, running some extra-schedule trips to make a total of 15 guided trips for the day. Our staff of three handled this day's visitors without a hitch, with many expressions of thanks from enthusiastic visitors, and without a complaint being heard.

Visitors: 1 - 25 - Harold A. Keats, Commissioner, American Battle Monuments Commission (Overseas cemeteries).

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Saguaro National Monument

Tucson, Arizona

January 20, 1961

Memorandum

To: General Superintendent, Southwestern Field Area, Tucson

From: Superintendent, Saguaro

Subject: Superintendent's Monthly Narrative Report for February, 1961

Weather: Temperatures ranged from a minimum of 38° to the 12th to a maximum of 80 on the 2nd and 3rd. Precipitation was .94", measured to the nearest of .01 for the past 24 years. Weather has been pleasant for the greater part of the month, but rainfall has been too light to be of much value. It was just at the crisis in recovery from the shortage of the last year.

Visitor Travel: A total of 2,907 visitors has broken all monthly travel records in the history of the monument. It amounts to over 500 the figure of 4,388 visitors for February of 1960 (the highest previous month), and by over 100 the highest previous month, which was April, 1959. This latter was a travel travel figure. For 19 job is just 1000 than the average visiting time was maintained, which brought nearly of extra people to swell the month total to 4,800 persons.

During the past 12 months this year national monument has had 22,584 visitors, far higher than any other 12 month period in history.

Interpretive Service: 2,872 persons went on the guided hikes through the Saguaro Cactus and ground, averaging on average of 38.4 persons per hike. 2,812 persons individual conducted Interpretive and Interpretative services, and 2,782 was the number not with guides.

The highest number of guided hikes recorded in a previous month was 872 for February of 1959.

The highest visitor day to my predecessor was 4,4 on February 12, and a total of 188 visitors (included), including six large Tucson Lumber outdoorings 200 persons on a free Elks campground tour, out of Phoenix. On this day we took 200 visitors through the museum alone, leaving some extra-ordinarily fine to make a total of 12 guided hikes for the day. For lack of time handling this day's visitors without a hitch, with many expressions of thanks from enthusiastic visitors, our efforts a complete being made.

Training: 1 - Mr. - Louis G. Evans, Superintendent, attended Public Economic Conference (Tucson Conference).

1-29 - Ellsworth E. Binz, artist, spent the day on the grounds.

2-7 - 29 members of the International Executive Board of IATSE (Projectionist Union), who were having a mid-winter convention in Tucson.

2-10 - A group of 236, sponsored by the Dons Club of Phoenix, under leadership of Ben J. Cahill, Manager, Republic and Gazette World Wide Travel Service.

2-14 - Archaeologist Arthur White, of Montezuma Castle National Monument.

2-15 - Ranger and Mrs. Earl Steele and family, Organ Pipe Cactus National Monument.

2-19 - Ranger and Mrs. Raymond G. Knox, Lava Beds National Monument.

Publicity: 1-27 - Paul L. Hoefler, of Los Angeles, taking movies for Standard Oil Company release, with accompanying commentary to be made by Raymond Carlson, Editor of Arizona Highways Magazine.

Cooperating Agencies: On February 1 the Arizona State Highway Department installed four new black and white signs on the highway. One mile north and one mile south of the monument the signs say "Tumacacori National Monument - 1 mile." 1500 north, and 1500 south, two signs read "Tumacacori National Monument - 1500 feet."

Donations: The Tumacacori library benefitted through a gift by the Amerind Foundation, of Dragoon, Arizona, of Nos. 1 through 5 of its technical report series (archaeology and ethnology.)

Museum and Education: During very limited non-visitor-contact time we have made progress on bringing the library entries and card file up to date, and considerable has been added to the chronology portion of the Fact files. It has also been possible to start a long-desired Fact file section which, when complete, will have an individual card for every native or exotic plant which grows in the monument area, giving ethno-botany for each plant, as well as flowering and fruiting dates.

Mission Stabilization: A leak developed in the northwest corner of the sacristy barrel-vault roof. As a result we applied our cement-lime-pigment mortar coating over about 4 square yards of the upper surface, which was badly weathered and pitted. This treatment is not visible from the ground.

Routine touch-up maintenance was performed by sealing new and enlarged weathered cavities in exterior lime plaster on the old church.

Maintenance: Stakes, with painted numbers, for the patio garden nature trail, were finished. A great deal of work has been done in the patio garden, including final pruning in preparation for Spring, cutting out suckers from a giant Maguey plant, removing limbs of blight-killed olive trees, giving lead-arsenate spray to rose plants, changing soil on water plants in the fish pond, and thinning the plants. On other parts of the monument dead tree growth in "used" areas was taken out, dead branches removed from other plants, and drastic pruning given to several China-berry trees. Several root-rot weakened trees were given extensive medication through application of ammonium sulphate and deep watering for root systems. Additional tree

watering basins received manure and compost. The compost pit was emptied, and is now being re-filled. The last of the giant cactus plants along the mission trail (Opuntia ficus-indica ?) was removed. These plants, once very handsome, with lovely early summer flowers, have suffered so badly from severe frosts of the past five winters that they were beyond salvation. Warning signs were put up along the monument boundary. Work was done toward stopping light leaks in the museum.

Civilian Defense: During the month the superintendent contacted R. G. Frazier, Chairman of Santa Cruz County civilian defense organization, and discussed such matters in detail with Harry Chernin, Coordinator of civilian defense activities for the county. Our facilities for possible help in an emergency were outlined, and services offered.

General: While we had over 28% more visitors than in the highest previous February, the number of visitors who went through the mission church was a little less than 18% higher than for that same month. This indicates about a 10% increase differential which presumably consists mostly of the slightly to casually interested visitors. I suspect a considerable part of this increase in "casuals" has been caused by the additional highway signs which were installed on February 1. I foresee the possibility, as travel continues to increase, that we may some day have to critically evaluate sign "advertising" policy. As an area reaches the capacity of its ability to receive visitors and take care of them, advertising might then have to be geared to overlook "casual" appeal and go to those with only a deeper interest.

However, we will not have reached the limit of visitor capacity here until our 40 minute trip interval has had to be cut to a 20 minute interval, assuming 50 persons as the maximum manageable group per trip. As it is, only on very special days do we have to run trips at a 20 minute interval, which is fortunate, because such days require the full staff of the two permanents and the one seasonal, and there is only one day a week when all three are on duty.

From this end, the record month of February has been very satisfactory. It is my belief that the visitors received a high quality of service, and left the area well instructed and in good spirits. Certainly I wish to express the highest praise for the courteous and efficient performance of Rangers Henson and Shirley.

Earl Jackson
Earl Jackson
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

TUZIGOOT NATIONAL MONUMENT
CLARKDALE, ARIZONA

February 25, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Tuzigoot

Subject: Report lml, February 1951.

There follows a narrative report of activities in this area.

VISITORS

991 visitors in 328 cars. 887 visitors in 299 parties were contacted and oriented in the museum. 895 visitors in 300 parties made the trip through the ruins. 100% of the 8 - 12 A.M. 1 - 5 P.M. visitors were contacted. Although travel was 156 visitors short of the record February travel of 1948, a very substantial increase of 45% was recorded compared to visitation a year ago.

N.P.S. VISITORS

Superintendent and Mrs. Homer Hastings of Walnut Canyon on January 27.

Superintendent John Cook, Montezuma Castle, and Archeologist Art White, Montezuma Well, on February 2.

Ranger and Mrs. Carlton Murray, Montezuma Castle, on February 5; Bill and Katherine Wilson, Rainbow Lodge, on the same date.

Ranger and Mrs. Larry Wilde and family, Walnut Canyon, on February 8.

Regional Landscape Architect J. Miller, accompanied by his Father-in-law, Dr. Murray, on February 13. Jerry reviewed the general trail arrangement through the ruins and drafted specifications for a flight of wood steps to the top of Room 14. Dr. Murray, who is from Ames, Iowa, was keenly interested in seeing the Verde Valley for the first time.

Ranger and Mrs. William Nancarrow, Mt. McKinley National Park, on February 24.

OTHER FEDERAL AGENCY VISITORS

Forest Ranger and Mrs. Gordon Hammon, Coconino National Forest

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

YELLOWSTONE NATIONAL PARK

CHEYENNE, WYOMING

February 15, 1941

Memorandum

To: Acting Superintendent, Southwestern National Monuments

From: Superintendent, Yellowstone

Subject: Report Ind. February 1941.

There follows a narrative report of activities in this area.

VISITORS

Six visitors in the park, not visitors in the parties were conducted and entered in the manner. 272 visitors in 107 parties made the trip through the park. 1000 of the 2 - 12 p.m., 1 - 2 P.M. visitors were conducted. Attendance total was 187 visitors under of the normal February trend of 1941, a very substantial increase of 40% was primarily accounted to visitation a year ago.

C.P.A. VISITORS

Superintendent and Mrs. Hardy in Ability of Salem Oregon on January 27.

Superintendent John Cook, Sequoia Nation, and Superintendent Art Tolle, Yosemite Park, on February 2.

Ranger and Mrs. Martin Murray, Yosemite Park, on February 3; Bill and Katherine Tilson, Pinnacle Lodge, on the same date.

Ranger and Mrs. Larry Fitzs and Phelps, Yellow Cabin, on February 5.

National Geologist Professor I. Dixon, accompanied by his Yellowstone-Lake, Mr. Murray, on February 12. Dixon arranged the general trail arrangement through the Sierra and Cordillera mountains for a flight of wind River to the top of Cone 12. Mr. Murray, who is from Iowa, Iowa, was really interested in seeing the Tetons Valley for the first time.

Ranger and Mrs. Wilkins Yellowstone, Mr. Lafayette National Park, on February 23.

NEWS FROM LOCAL SOURCES

Ranger Ranger and Mrs. Jordan Yosemite, Director National Park

Ranger Station, Sedona, Arizona, on February 11.

REPORTWORTHY VISITORS

Dr. and Mrs. Durrell, on February 8; Dr. Durrell is Professor of Geology at U.C.L.A.

Mr. and Mrs. Draper of Fred Harvey, Grand Canyon, on February 13.

Mrs. Vicklund of Flagstaff, on February 15; Mrs. Vicklund is the Mother of Bob Vicklund, who is now at Tonto, and is the seasonal ranger at Sunset Crater during the summer.

ORGANIZED GROUPS

Mr. Edward B. Danson, Instructor in the Department of Anthropology, University of Arizona, with five students from his Seminar in Southwestern Archeology Class, on January 27.

Six Seventh Graders, Verde Valley School, Sedona, on February 15.

IMPROVEMENTS

A Reamex surface switch was installed in the Men's Room. This replaced a dangling cord toggle switch which was difficult to find in darkness.

The switch on the furnace blower was dismassembled, overhauled and replaced in good working order.

The offensive "Warning" sign was dismantled, the panel was sanded and set up as a drafting table in the office.

Ten road signs were glued and clamped. Nine have been layed out, one double-face, for routing. Routing, painting and staining of signs is now underway following breakdown of the router, parts for which were ordered from the Stanley Electric Tool Co. in Connecticut, and which were unduly delayed in the mails by the railroad strike.

Two saw horses were constructed with 2" by 4" lumber and metal saw horse brackets. These will be used immediately to aid in the fabrication of wood steps for the ruin's trail project, and later, in general carpentry.

MISCELLANEOUS

On January 26, a party locked a set of ignition keys in their car. Their plight was made known to the Superintendent, who, by deft probing and reaching successfully removed the keys from the ignition switch.

Mr. Paul Keefe, retired Phelps Dodge official and resident of Clarkdale since 1913, died on January 25, at the age of 66. Mr. Keefe was general director of C.W.A. projects at Clarkdale in the '30's, and it was largely through his efforts that the excavation of Tuzigoot was carried through to successful completion insofar as

Major duties, Dates, Places, or Tenure: 1.

Government Visitor

Yes, and Mrs. Cornell, on February 6; Mr. Farrell is President of Vassar at Poughkeepsie.

No, and Mrs. Cooper of Yale Survey, Grand Rapids, on February 12.

Mrs. Clifford of Flagstaff, on February 13; Mrs. Tilghman is the daughter of Bob Tilghman, who is now at Yale, and is the personal tenor on Tower Review during this interval.

Relative Success

Mr. Robert L. Hanna, Instructor in the Department of Anthropology, University of Illinois, with five students from his Seminar in Anthropology, Archaeology class, on February 27.

His research director, Verde Valley School, Sedona, on February 28.

Impressions

A Chinese orphan which was installed in the Hall's dome. This replaced a peculiar and bizarre object which was difficult to find in daylight.

The relief on the Chinese Student was dismantled, repaired and replaced in good working order.

The attempted "Portal" sign was dismantled, the point was sealed and was a distinct help in the attic.

The pool signs were fixed and changed. Tim Kane was layout man, and Hendrickson, the painter. Further, political and statistic of signs in the laboratory indicating locations of the members, parts for which were delayed from the Boston Electric Sign Co. in Cambridge, and which were finally shipped in the nick by the political stride.

Two new boxes were constructed with 1" by 4" lumber and small but large problems. These will be more immediately in all in the fabrication of wood chips for the relic's local workers, but later, in general warpentry.

Observations

On January 21, a party lasted a six-of Lambda Chi Alpha was in their act. Their action was made known to the Superintendent, who, by dint prompt and immediate measures, removed the boys from the lighting motel.

Mr. Paul Davis, retired Tulsa Judge (Civil) and President of Cherokee Nation 1933, died on Sunday the 13, in his 1st of 80. Mr. Davis was general director of Tulsa, principle of Cherokee in the 1907's, and is now laughs (through his children) that he nonchalant of Tulsa's his normal through to accidental overlighter (Tender a

moral and financial support was concerned.

MUSEUM PROSPECTUS

Miss Marion Dick, Cottonwood, an Art major at Arizona State Teachers College, Flagstaff, consulted with us on January 28, preparatory to commencing sketches and drawings for proposed museum exhibits which will appear in the Preliminary Museum Exhibit Plan being prepared for Tuzigoot.

Work continued on preparation of narrative text for the plan as time permitted.

RESEARCH AND OBSERVATION

On February 22, a legal holiday, Archeologist Richert and Milton Wetherill visited a hitherto unreported archeological site 12 miles below (south) of Tuzigoot on the Verde River on the Clover Leaf Ranch, owned by Mr. Schwartz, wealthy steel industrialist of Cleveland, Ohio, a recent visitor at the Monument, who extended us a cordial invitation to visit his ranch and look at the site. With the permission of the owner, a sherd collection was made and site cards prepared for Museum of Northern Arizona records. This site is extremely interesting in that it undoubtedly represents a pure Verde Hohokam phase, with sherds of Gila Red, Tonto Red, and both Verde and Southern Hohokam predominating. Tentative date of site: 800-900 A.D.

A second site 5 miles below Camp Verde previously reported by Archeologist Schroeder was also visited. This has a large ball court, and judging from house mounds and surface pottery was a contemporaneous occupation by Sinagua and Hohokam at probably 1000 A.D.

J. W. Brewer Jr.

J. W. Brewer, Jr.,
Superintendent.

moral and financial support has materened.

DESIGN PROCEDURE

Blue Water Inc. Intercoast, as lead major at Indiana State University, Fallsburg, Pittsburgh, committed which to be January 20, preparatory to commencing sketches and drawings the program means which this will appear in the Philadelphia Design Delight Plan Valey prepared for Philipsburg.

Two conditions on preparation of materials have for the plan as time practical.

PRELIMINARY DESCRIPTION

On February 12, a local Philadelphia Drafters and Office Technicians visited a Pittsburgh supervised workshop. Also 25 Office Valve Lavoro of Valleyed on the Twin Drive on the Clover Gulf Coast, among by Mr. Moberts, working Associate of Charrel. This a visual visitor at the Conference, the attended on a special Invitation to visit his home and look at the site. With the preparation of the model, a short collection was made and also made prepare for Charrel of Philadelphia Friends. This site is extremely interesting in that it essentially represents a pure Tuck Design view, with service of Villa Tuck, Tuck Gas, and Tuck Tuck Designs Tuckers production. Tuckers date of plan: 600-700 L.L.

A model site of Blue Water Gas Tuck presently prepared by Architectural Drafters Associates visited. This has a large hall mark, and jutting from Blue Lands and Service petroleum has a Tuckgarden Associates by Tuckgas and Tuckdesign provide 1500 L.L.

R. G. Brown, Jr.
Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Walnut Canyon National Monument
Flagstaff, Arizona

February 25, 1951

Memorandum

To: General Superintendent

From: Superintendent, Walnut Canyon

Subject: Monthly Report, February, 1951

Visitors this month 747; travel year to date 5197.

General This month brought the most snow of the winter with one storm piling up about six inches. However this melted rappidly and as this is written, snow remains only in patches.

Administration An inventory of all electrical supplies on hand was taken.

A chronicle of 1951's events was made for the Fact File.

Patrol of the north boundary including that portion which is posted but not fenced was completed.

A copy of the Ruins Stabilization Manual was received and read with particular interest because of this superintendent's familiarity with most of the places discussed.

An excessive reading on Copeland's water meter indicated a leak which was reported to users of the water from this line. Processing of the Special Use Permit for Copeland's connection to our water line was completed.

Use of Monument Facilities by the Public There were 747 visitors who came in 273 cars. This was 33 more visitors than we had in the same month last year. Visitors arrived on every day but two and there was an average of 24 visitors per day for the entire month. Visitors to the museum totaled 728 in 265 parties. Two hundred and two parties were contacted including 566 visitors. There was one picnic party of four people.

Roads The entrance road was dragged once by monument personnel and once by the County.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Wind River National Monument
Flagstaff, Arizona

February 23, 1951

Memorandum

To: General Superintendent

From: Superintendent, Wind River

Subject: Monthly Report, February 1951

Visitation this month 8187. Count was in Jan 8287.

General. This month brought the most snow of the winter and the prime pilots up above six feet. Showers this month brought moisture as rain in contrast, more frequent early in months.

Administration. Re-assembly of all electrical equipment to wind and lines.

A demonstration of Lapin's weapon was made for the Park rifle.

Report of the county sheriff's Industrial Commission was prepared in pursuit for Park Ranger Vic Hodgkins.

A copy of the Home Modification Admin was received, in read with principles Interest because of this experimentation, familiarity with each of the plants itemized.

An executive meeting of Douglas's area union meeting a Jack Miles was requested to report of its water from this line. Tri-weekly of the Service the Permit for Douglas's connection to our water line was completed.

The of Monument Facilities in the region. Snow-removal equipment was used to dig ruts. Four men & were trained that is and is the same month last year. Highway crews on every day for maintenance and as average of 4 stations per day for the winter month. Further to the Bureau testing the 15 mph speed. The Service in operation more restrictions limiting the visitors. There are now twelve people at Park region.

Other. The museum was not larger than a temporary permanent and done by the Country.

Fire Protection N.P.S. was stamped on all our fire tools and their green bands were painted red.

Maintenance Ground connections for both electric ranges were installed.

Some time was spent shoveling snow. Although it was never very deep, a leak in the drain at Residence No. 1 necessitated shoveling snow from the east side of the roof.

Considerable difficulty has been had in starting our Ford pick-up. We had to pull it several time and finally had to install a new starter.

A 40 inch fluorescent unit was repaired and installed in the superintendent's quarters. A light fixture was also installed in the hall at the ranger's quarters.

Weeds were removed from the septic tank drainage ditch.

Equipment A used Kodak printing timer was received.

Our furnace installation is not yet complete with an outer jacket needed for the furnace at Residence No. 2 and a humidifier for the one at residence No. 1.

Interpretation The earliest known reference to Walnut Canyon was noted by Ranger Wilde in Arizona Place Names which reports the visit of Lt. Beale on April 13, 1857. On a visit in July, 1859 Beale found the stream in the canyon filled with water and containing mountain trout.

Wilde was shown the petroglyphs in the bottom of the canyon west of the Island and we visited several cliff dwellings on the south side.

Copies of pictures of the cliff dwellings taken in 1874 or 75 by J. J. Fauber were received.

Considerable time has been spent on our herbarium. Twenty-seven specimens have been mounted and filing folders prepared for them. Eighty Ethnobotany File Cards have been prepared. A small grove of quaking aspen up the canyon from the cliff dwellings was visited and several plants that have not been collected have been noted on the monument.

National Park Service Visitors

Feb. 18. Russell K. Grater and Carl O. Walker from Lake Meade.

Homer F. Hastings
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

White Sands

Box 231, Alamogordo, New Mexico

February 22, 1951

Memorandum

To: General Superintendent

From: Superintendent

Subject: Superintendent's Monthly Narrative, Report No. 141

FEBRUARY TRAVEL, 1951 — FISCAL YEAR TO DATE

Visitors, 2,021 Cars, 2,350 — Visitors, 44,411 Cars, 11,590

GENERAL

Records must be broken, and this month, since we cannot break any visitor records, we turn to the weather for our laurels. On February 1 our minimum temperature dropped to 14° below zero, which is an unheard-of low for the floor of the valley. An area about 5 miles wide, north and south through the Tularosa Basin, seemed to take the worst of the storm.

Highways on the strip were iced and frozen for a couple of days and on both sides of the strip the roads were normal. Anyway, 14° below zero, at White Sands, cut into our visitor count, and for the first time in almost two years a travel month drops below the preceding like month. Our travel year, however, is still showing an increase. February was not entirely a freeze. Some beautiful days took off some of the chill of that 14° below. High for the month was 75° on the 2-11-51, and our precipitation for the month was .11 inches.

SPECIAL ACTIVITIES

Three of our personnel took the Standard Red Cross First Aid Course and it is possible a couple may take the Instructor's course. Others are planning on taking the standard course, which is being given again soon.

Otis Hicks has been prevailed upon to take over some Boy Scout work in Alamogordo. His past experience with the Scout work makes him a valuable man in this line and the boys are proud to have secured his services.

The Superintendent finished a year as President of the Alamogordo Chamber of Commerce and was elected to an honorary membership on the Board of Directors of the Chamber and asked to serve with the Board for the year 1951. He also received again an honorary membership in the Holloman Air Base Officer's Club for 1951. He has been asked to accept the nomination for President of the Parent-Teachers Association covering the grade schools in Alamogordo. We appreciate these confidences the people place in us and are glad to do what we can for the community.

INSPECTIONS

No particular inspections were made. A rocket landed close to the picnic area and an attempt was made to inspect the area as described in a special report covering the subject. No trouble is anticipated in case further inspections may be necessary.

PUBLICITY

Much early attention is being given to Play Day on April 14 and the White Sands Relays, in connection with Play Day. The New Mexico Magazine carried a White Sands picture this month and one of the large trade journals of the Candy Companies carried a front cover page of White Sands.

Our new Orientation Case is the source of a lot of favorable comment, and we are certainly indebted to Les for his work on this, as well as the assistance in getting it set up. Several minor changes had to be made, but it is well worth any effort that has been devoted to it.

COMPLAINTS

No complaints have been received in this office, either on our Service and Facilities, or the Concession.

MAINTENANCE

This phase of our work seems never-ending and, in spite of all we do, it seems much, much more, always remains to be done. Joe has put in several extra days on the roads, even in the few winds we have had to date. Road conditions on the whole for the month have been good.

Otis has done some painting, made minor repairs as the occasion arose, our garage doors were finished, the case for our new map completed, the power house was given a coat of paint, as was our gas pump, tar kettle, etc.

Several man days were spent on picnic tables and this work is being delayed by lack of bolts and paint. A proposed trip to El Paso will take care of both of these matters. Perhaps this week end. Repairs were made to our Sands water storage tank and some work was done on the pump and well. Several loads of gravel have been hauled for some trail work and several more are needed for this same project.

We are making some progress along maintenance lines, we hope, but it does seem that whatever we do we are forced to let something else just as urgent go by. We are doing considerable work on our highway signs, dressing them up for the spring travel.

ATTENTION TO ROAD SIGNS

The Highway Department is likewise working over road signs, and the White Sands sign at the junction of U.S. 54-70 is being replaced. This is done too soon as it was in a deplorable condition.

The Press has been giving considerable space to the work to be done on U.S. 54 and any work done will assist as materially as this highway is one of the main arteries from the central U.S. to the Southwest.

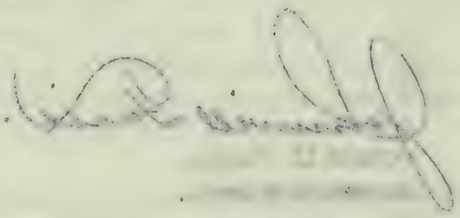
MUSEUM ACTIVITIES AND EXHIBITS

In addition to the museum proper, the orientation map in the entrance hallway, is our revised exhibit. This was worked up in the Naturalist Division, and Les came down and helped arrange it. That seemed to be the big job until we started to install it and minor changes made a major job out of it, but it is now complete and is a case worthy of a prominent place in our museum.

It now has a plate glass front and is one of our best lighted cases as well as being one of the most attractive.

INCREASE & DECREASE IN TRAVEL

About 1,200 visitors decrease shows our first loss in many months. Several days the mountain passes on both sides of us were closed for a few hours at a time and the snow was severe.



UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Wupatki National Monument
Flagstaff, Arizona

February 24, 1951

To: General Superintendent

From: Superintendent, Wupatki

Subject: Monthly Narrative Report -- Wupatki and Sunset Crater National Monuments

Weather: Although we have had some light snows this month the snow seems to have little moisture content. Needless to say, it is still very dry in this area. Wupatki had a preview of Spring this month with a high of 73° recorded on the 11th. Sunset Crater has had a little more snow this winter than Wupatki and just how much moisture was in it will be determined next month when the rain gauges are read for the Museum of Northern Arizona.

Maintenance: The old CCC office at Hieser Spring was painted this month to complete the painting of the buildings in that area. The wood on this building, as with the wood on the cabin, was in pretty bad shape, so the paint was applied half-and-half with linseed oil. New screens were made and put in place on the cabin, so now all we have to do to really dress up Hieser Spring is tear down the old CCC barracks. A new coat of paint was also applied to the door and windows of the office at headquarters. The superintendent and Ranger Walker are now experienced painters.

Monument Roads: The road from Hieser Spring to Highway 89 was reshaped and graded and it appears that most of the bed rock is pretty well covered now. Before going on leave, Maintenanceman Bean also graded the entrance road at Sunset Crater.

A new Wupatki boundary sign was placed on the Sunset Crater road and all of the road signs from Hieser Spring to Highway 89 were refinished.

Interpretive Service: The Lava Flow Nature Trail at Sunset Crater was put back into service the 14th of this month with a new name, a few changes in the trail, and a new trail booklet. At Wupatki 204 visitors in 69 parties were contacted for an average of 45 minutes and a total of 30 hours. 112 visitors were not contacted but the trail booklet continues to give some help to the visitor not contacted by any of the personnel.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Mount McKinley Monument
FAIRBANKS, ALASKA

February 24, 1961

To: General Superintendent

From: Superintendent, Denali

Subject: Monthly Narrative Report -- Denali and Denali Center
National Monuments

Weather: Although we have had some light snow this month the snow seems to have little moisture content. Temperature is cold. It is still very dry in this area. Thawing has a period of light this month with a high of 72° recorded on the 11th. Denali Center has had a little more snow than this alone that thawed and then has much moisture and it will be interesting next month when the rain gauge are read for the season of October, January.

Maintenance: The oil [illegible] office at Denali Center was painted this month to complete the painting of the buildings in that area. The wind on this building, as with the rest on the mesa, was in pretty bad shape, so the paint was applied twice-and-half with linseed oil. New screens were made and put in place on the mesa, so now all we have to do is really dress up Denali Center in two-tone the old 200 campsite. A new sump of paint was also applied to the door and window of the office at Headquarters. The exp-interpretation and lounger shelter are now maintenance projects.

Roadway Funds: The road from Denali Center Junction to Kantishna was graded and it appears that most of the new road is mostly well compacted now. Bridges are in. Maintenance Chief also graded the entrance road at Denali Center.

A new Denali Monument sign was placed on the Denali Center road and all of the road signs from Denali Junction to Kantishna were refurbished.

Interpretive Program: The Lake View Campfire Circle at Denali Center was put into late operation the 24th of April month with a new theme, a few changes to the Circle, and a new fresh Director. At Denali VCA visitors in 22 parties were entertained for an average of 40 minutes and a total of 37 hours. 112 visitors were informed that the Circle Ranger cautioned to give more help to the visitor and assistant to any of the personnel.

Travel: The travel figures continue to show an increase with most of the visitors coming into Wupatki over the back road from Sunset Crater.

	WUPATKI		SUNSET CRATER	
	CARS	VISITORS	CARS	VISITORS
February 1951	133	347	193	496
February 1950	85	254	153	460
This travel year	674	1778	1546	4251
Last travel year	487	1460	1379	4138

Visitors: 2/13 Ranger and Mrs. Brueck, Grand Canyon NP
Dr. and Mrs. Harold C. Bryant, Grand Canyon NP
2/18 Ranger and Mrs. Fred Bergemeyer, Davis Dam
Asst. Sup't. and Mrs. Lon Garrison, Grand Canyon NP
2/21 Ranger and Mrs. Larry Wilde, Walnut Canyon NM

Personnel: The Superintendent and family were on a business trip to Santa Fe from February 4 to 10th. Maintenanceman Bean on annual leave from February 17 to 25th.

Research and Observation: The Wupatki Fact File has undergone a complete and much needed change. Ranger Walker has spent a lot of spare time gathering and adding much pertinent data to the file.

Public Health: Samples of water from Wupatki and Hieser Springs were taken in to the State Health Laboratory for testing. The tests indicated the water to be safe for public use.

Equipment: The Galion grader went in to Flagstaff last week for it's first major overhaul. At last report the mechanics were really going over it. The Regional Fiscal Office should get a firm grip on their 282 account.

Spring Flow: Wupatki Spring, 771 GPD
Hieser Spring, 3800 GPD

William L. Bowen
Superintendent

Travel: The travel figures continue to show an increase with most of the visitors making late August over the best year from August Shelby.

	WEEKDAY		SUMMER SHELBY	
	DAYS	VISITORS	DAYS	VISITORS
Anchorage-1980	135	327	132	420
Anchorage 1980	92	234	132	420
This travel year	274	1172	1540	4221
Last travel year	227	1400	1573	4121

Visitors: 5/12 Rangers and Mrs. Brown, Jerry Sawyer of
Dr. and Mrs. Harold C. Bryant, Donald Sawyer of
5/21 Rangers and Mrs. Fred Bergsmeyer, Doris Lee
Lent, Judy's, and Mrs. Ian Sheldon, Donald Sawyer of
5/21 Rangers and Mrs. Larry Hilde, Robert Sawyer of

Personnel: The Superintendent and family spent on a business trip to Seattle in June Rangers 4 on leave. Maintenance men on annual leave from February 17 to date.

Lectures and Conferences: The Superintendent gave a conference on Wildlife and Game management. Ranger Walker has spent a lot of spare time attending and acting with personnel data to the file.

Public Health: Samples of water from Reported and Eleven Lakes were taken in to the State Health Laboratory for testing. The tests indicated the water is safe for public use.

Equipment: The Dodge pickup used to be Superintendent last year was the first motor overhaul. It has passed the mechanics were really pleased overall. The Regional Fleet Office should get a fine grip on truck GPM amount.

Future Plans: Summer Period, ____ 100
Winter Period, ____ 50%

William L. Simon
Superintendent

Southwestern National Monuments Monthly Report

Month of February, 1951

	This month	Travel year	(Mo.) Last Year	(T.Y.)	
Arches	153	2,892	95	1,139	Gain for Mo. 61% Gain for Yr. 9[illegible]%
Aztec Ruins	557	3,743	315	2,526	Gain for Mo. 77% Gain for Yr. 40%
Bandelier	1,226	7,999	1,325	6,319	Loss for Mo. 7% Gain for Yr. 27%
Canyon de Chelly	59	722	81	457	Loss for Mo. 27% Gain for Yr. 58%
Capulin Mountain	450	4,300	450	5,850	Gain for Mo. 0 Loss for Yr. 18%
Casa Grande	5,884	19,732	4,820	18,346	Gain for Mo. 22% Gain for Yr. [illegible]
Chaco Canyon	64	494	69	338	Loss for Mo. 7% Gain for Yr. 5%
Chiricahua	1,367	5,090	1,257	5,521	Gain for Mo. 9% Loss for Yr. 8%
El Morro	101	1,015	27	541	Gain for Mo. 274% Gain for Yr. [illegible]
Gila Cliff Dwgs.	—	—	—	—	—
Gran Quivira	122	811	90	770	Gain for Mo. 36% Gain for Yr. 5%
Great Sand Dunes	313	2,340	377	3,296	Loss for Mo. 17% Loss for Yr. 29%
Montezuma Castle	1,002	11,483	1,441	8,740	Gain for Mo. 31% Gain for Yr. 31%
Natural Bridges	—	318	—	114	—
Navajo	6	141	38	183	Loss for Mo. 8[illegible]% Loss for Yr. 23%
Organ Pipe Cactus	18,828	78,649	15,588	61,292	Gain for Mo. 21% Gain for Yr. 28%
Rainbow Bridge	—	—	—	—	—
Saguaro	5,900	18,177	5,278	15,020	Gain for Mo. 1[illegible] Gain for Yr. 21%
Sunset Crater	496	4,251	460	4,138	Gain for Mo. 8% Gain for Yr. 3%
Tonto	2,926	8,542	2,890	9,204	Gain for Mo. 1% Loss for Yr. 8%
Tumacacori	6,007	16,230	4,195	13,849	Gain for Mo. 43% Gain for Yr. 17%
Tuzigoot	991	5,499	680	5,208	Gain for Mo. 49% Gain for Yr. 6%
Walnut Canyon	747	5,197	714	4,047	Gain for Mo. 5% Gain for Yr. 28%
White Sands	9,081	44,811	10,234	41,750	Loss for Mo. 12% Gain for Yr. 7%
Wupatki	347	1,778	254	1,460	Gain for Mo. 37% Gain for Yr. 22%
TOTALS	57,147	244,114	51,286	210,218	Gain for Mo. 12% Gain for Yr. 16%

(See reverse for notations, comments, etc.)

Gain over February 1950.....12%

Gain for travel year.....14%

Six (6) areas showed losses over February 1950:

Bandelier..... 7%
Canyon de Chelly.....27%
Chaco Canyon..... 7%
Great Sand Dunes.....17%
Navajo.....39%
White Sands.....12%

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Name of Area

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent		1	1	2
mporary				

Month

Year

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther Trips			
Total			XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
iseum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
Headquarters	6	10	10 min.
Contact (All sections)	10	40	20 "
(Give Name or Type) Total	26	50	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

153
Number Visitors to Area this Month

68
Total Interpretive Contacts.

terpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

MARKS:

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME
TITLE

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TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.
ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.
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INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

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REVISED MAY 1949.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

AZTEC RUINS
Name of Area

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent		2		
mporary				

JANUARY
Month

1951
Year

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	83	372	3/4 hr.
ther Trips Museum	146	557	1/4 hr.
Total		929	XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
iseum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

557
Number Visitors to Area this Month

929
Total Interpretive Contacts.

terpretive Activities Outside of the Area:

	Govt. Publications	Sold	On Hand
51 Lecture to Young Farmers of America 8:00 to 8:30 PM			

MARKS:

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME Ira Townsend
TITLE Ira Townsend, Supt

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rm No. 10-769
ports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Bandelier National Monument
Name of Area

February
Month

1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent		1	3	4
mporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	57	479	72.5 Min.
ther Trips			
Total	57	479	XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
iseum (Not connected with conducted trip)	22	167	14.9
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total	22	167	XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
eremonial Cave	12	138	
rails to Tsankawi		143	
(Give Name or Type) Total	12	281	XXXXXXXX

1226
Number Visitors to Area this Month

927
Total Interpretive Contacts.

terpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

MARKS:

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
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NAME Fred W. Dimmewies
TITLE Superintendent

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REVISED MAY 1949.

rm No. 10-769
ports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Canyon de Chelly National Monument
Name of Area

February
Month
1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent	One	One		Two
mporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	3	23	2-hours
ther Trips			
Total	3	23	XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
iseum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)	16	36	20-mins
ther (Not connected with conducted trip)			
Total	16	36	XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

59
Number Visitors to Area this Month

59
Total Interpretive Contacts.

terpretive Activities Outside of the Area: 12 letters of inquiry answered concerning road conditions and proposed visits to the Monument.

Govt. Publications	Sold	On Hand

MARKS:
Travel is slightly under that of last month due probably to cold weather.

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME Elmer W. Bugbee
TITLE Superintendent

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
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"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.
"CONTACT" IS A CONNECTION, INTERPRETIVE IN CHARACTER, BETWEEN A PERSON AND A NATIONAL PARK SERVICE EMPLOYEE OR A PARK INTERPRETIVE DEVICE, EXCLUSIVE OF RADIO, BOOK, PAMPHLETS, AND THE LIKE.

CONDUCTED TRIPS: CARAVAN OR HIKING TRIPS CONDUCTED BY N.P.S. PERSONNEL FOR GENERAL FIELD ACTIVITIES. TRIPS SPECIFIC TO RUINS AND HISTORICAL HOUSES SHOULD BE REPORTED ON LINE 3. BE SPECIFIC UNDER OTHER TRIPS AS TO TYPE OF CONDUCTED TRIP SUCH AS BOAT, SKI, OR OTHER ORGANIZED ACTIVITY.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

COLUMN 3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS. GIVE TYPE OF ACTIVITY; SUCH AS TALK, BROADCAST, EXHIBIT, ETC.; DATE; ATTENDANCE; AND OTHER DATA NECESSARY TO DESCRIBE THE ACTIVITY.

TOTALS: TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

GOVERNMENT PUBLICATIONS: (FOR HISTORICAL AREAS) INDICATE BY NAME OR NUMBER THE COPIES SOLD AND ON HAND.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING INTERPRETIVE SERVICES. RETAIN ORIGINAL IN AREA FILES. IN AREAS EMPLOYING NATURALIST THIS REPORT TO BE ATTACHED TO HIS MONTHLY NARRATIVE REPORTS. IN OTHER AREAS IT SHOULD BE PRESENTED AS A SEPARATE REPORT WITH COPIES FOR COORDINATING SUPERINTENDENT, REGIONAL DIRECTOR AND DIRECTOR FORWARDED THROUGH ADMINISTRATIVE CHANNELS. DATE DUE EACH MONTH IN ACCORDANCE ADMINISTRATIVE MANUAL, VOL. 15, CHAPTER 8 (REPORT 8M3) AND 9 (REPORT 9M3).

REVISED MAY 1949.

10-789

Reports 8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Capulin Mountain National Monument
Name of Area

February
Month

1951
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		one	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total	none		

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	none		

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total	none		

UNATTENDED INTERPRETIVE DEVICES	NO.		
Roadside markers pointing out five of the			
principal points of interest.			
(Give Name or Type) Total	five		

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

60
Total Receiving Interp. Serv.

450
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
page booklets	
Popular Studies	
Source Books	

NAME Homer J. Farr

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

rm No. 10-769
ports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Casa Grande National Monument
Name of Area

February
Month

1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent	1	1	1	3
mporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	244	3761	52.4 min.
ther Trips			
Total			XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
iseum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
iseum	244	3761	21.9 min.
iseum (visitors stopping for orientation only)		1486	
(Give Name or Type) Total		5247	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

5884
Number Visitors to Area this Month

9008
Total Interpretive Contacts.

terpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand

MARKS: 2123 visitors stopped for orientation only. It is estimated that 70% looked through the museum and this number is shown under Attended Interpretive Stations above.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME A. T. Bicknell
TITLE Superintendent

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REVISED MAY 1949.

rm No. 10-769
pports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chaco Canyon National Monument

February 1951

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent		Two		Two
mporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther Trips	8	39	1 hr
Total	8	39	XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)	15	57	18 min.
ther (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

Number Visitors to Area this Month 64 Total Interpretive Contacts. 96

terpretive Activities Outside of the Area:

	Govt. Publications	Sold	On Hand

RKS:

*NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME Meredith M. Guillet
TITLE

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rm No. 10-769
ports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chiricahua National Monument
Name of Area

February
Month

1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent		1	2	3
mporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
ito Caravans	1	13	1 hr.
alks or Hikes Echo Canyon	3	10	2 hr.
ins or Hist. House			
ther Trips Massai Point Loop Walks	5	37	1/2 hr.
Total	9	60	XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge Silver Spur Guest Ranch	1	9	1 hr.
iseum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total	1	9	XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
Headquarters Museum	1	1219	1/4 hr.
(Give Name or Type) Total	1	1219	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
ientation Station - Massai Point - estimated	1	600	1/4 hr.
ture Trail - Self-guided	4	9	3/4 hr.
(Give Name or Type) Total	5	609	XXXXXXXX

1367
Number Visitors to Area this Month

1897
Total Interpretive Contacts.

rpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

MARKS: Three Inquiries Answered

Clifford S. Caynard

NAME Clifford S. Caynard
TITLE A'g Superintendent

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ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

COLUMN 3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS. GIVE TYPE OF ACTIVITY; SUCH AS TALK, BROADCAST, EXHIBIT, ETC.; DATE; ATTENDANCE; AND OTHER DATA NECESSARY TO DESCRIBE THE ACTIVITY.

TOTALS: TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

GOVERNMENT PUBLICATIONS: (FOR HISTORICAL AREAS) INDICATE BY NAME OR NUMBER THE COPIES SOLD AND ON HAND.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING INTERPRETIVE SERVICES. RETAIN ORIGINAL IN AREA FILES. IN AREAS EMPLOYING NATURALIST THIS REPORT TO BE ATTACHED TO HIS MONTHLY NARRATIVE REPORTS. IN OTHER AREAS IT SHOULD BE PRESENTED AS A SEPARATE REPORT WITH COPIES FOR COORDINATING SUPERINTENDENT, REGIONAL DIRECTOR AND DIRECTOR FORWARDED THROUGH ADMINISTRATIVE CHANNELS. DATE DUE EACH MONTH IN ACCORDANCE ADMINISTRATIVE MANUAL, VOL. 15, CHAPTER 8 (REPORT 8M3) AND 9 (REPORT 9M3).

orm No. 10-769
eports
m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

El Morro National Monument
Name of Area

February
Month

1951
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
ermanent		(1) Supt.		1
emporary				0

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
Walks or Hikes	26	84	1 hr.
uins or Hist. House			
ther Trips			
Total	26	84	XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)	11	25	15 mins.
ther (Not connected with conducted trip)			
Total	11	25	XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total	0	0	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Ruins on Mesa Top	2	4	60 mins.
(Give Name or Type) Total	2	4	XXXXXXXX

101
Number Visitors to Area this Month

113
Total Interpretive Contacts.

Interpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand

REMARKS:

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME Irving McNeil, Jr.
TITLE Superintendent

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE SUPERINTENDENTS, ASST. SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.
"CONTACT" IS A CONNECTION, INTERPRETIVE IN CHARACTER, BETWEEN A PERSON AND A NATIONAL PARK SERVICE EMPLOYEE OR A PARK INTERPRETIVE DEVICE, EXCLUSIVE OF RADIO, BOOK, PAMPHLETS, AND THE LIKE.

CONDUCTED TRIPS: CARAVAN OR HIKING TRIPS CONDUCTED BY N.P.S. PERSONNEL FOR GENERAL FIELD ACTIVITIES. TRIPS SPECIFIC TO RUINS AND HISTORICAL HOUSES SHOULD BE REPORTED ON LINE 3. BE SPECIFIC UNDER OTHER TRIPS AS TO TYPE OF CONDUCTED TRIP SUCH AS BOAT, SKI, OR OTHER ORGANIZED ACTIVITY.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

~~Gran Quivira National Monument~~
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

~~February~~ Month

~~1951~~ Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other	~~25~~	~~97~~	~~48 min.~~
Total	~~25~~	~~97~~	~~20 hrs.~~

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
~~Self guide trail~~	~~9~~	~~25~~	~~20 min.~~
(Give Name or Type) Total	9	25	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	6	letters	
Other			

~~122~~ Total Receiving Interp. Serv.

~~122~~ Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
8 page booklets
Popular Studies
Source Books

NAME

TITLE Ray B. Ringenbach, Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "Museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

WHEN REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Reports
3m3 and 9m3

MONT[illegible] STATISTICAL REPORT OF INTERP[illegible]IVE SERVICES
IN NATIONAL PARK AREAS*

GREAT SAND DUNES NATIONAL MONUMENT
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	1	[illegible]
Temporary	0	0	0

[illegible]
Month

1951
Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Contact Station	1	280	10 min.
(Give Name or Type) Total	1	280	

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks	3	21	30 min. ave.
Displays and Exhibits			
Replies to Inquiries	5		
Other			

280
Total Receiving Interp. Serv.

313
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
5 page booklets	
Popular Studies	
Source Books	

NAME [illegible]
Glen T. Bean

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

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INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

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COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

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INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

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rm No. 10-769
ports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

~~Montezuma Castle National Monument~~
Name of Area

~~February~~
Month

1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent	1	1	1	3
mporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
ito Caravans			
alks or Hikes			
ains or Hist. House	86	248	40 min.
ther Trips			
Total	86	248	XXXXXXXX

TALKS	NO.		
umpfire			
otel or Lodge			
iseum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
ttle Museum (not continuously attended)	1	1250	10 Min.
ell Museum	1	66	10 Min.
k connected with conducted tour but recieved by			
those not taking tour.		480	10 min.
(Give Name or Type) Total	2	1796	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
ycamore Trail	1	1000	30 min.
ontezuma Well Loop Trail	1	361	30 min.
(Give Name or Type) Total	2	1361	XXXXXXXX

1882
Number Visitors to Area this Month

3405
Total Interpretive Contacts.

rpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand

RKS: Castle interpretive service available 31 days during month.
Well museum opened 19 hours during month.

TRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
lease read them carefully.

NAME John C. Cook
TITLE Superintendent

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REVISED MAY 1949.

rm No. 10-769
ports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

NAVAJO NATIONAL MONUMENT
Name of Area

FEBRUARY
Month
1941
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent		one		
mporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
ito Caravans			
alks or Hikes Sandal Trail	2	4	
ins or Hist. House Betatakin	1	2	
ther Trips			
Total	3	6	XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
iseum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

6
Number Visitors to Area this Month

6
Total Interpretive Contacts.

rpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

TARKS:

IS TRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
lease read them carefully.

NAME John A. Carlson
TITLE Superintendent

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REVISED MAY 1949.

rm No. 10-769
ports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

[illegible]
Name of Area

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent	0	1	2	3
mporary				

[illegible]
Month

1951
Year

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
ito Caravans			
lks or Hikes			
ins or Hist. House			
her Trips Accompany patrol	3	4	5
Total	3	4	XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)	2	52	1
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total	2	52	XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
Headquarters	1	1163	1/3
Study skin collection	1	67	1/2
(Give Name or Type) Total	2	1230	XXXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Arizona Desert Trail	1	175	1
(Give Name or Type) Total	1	175	XXXXXXXX

1[illegible],828
Number Visitors to Area this Month

1[illegible]11
Total Interpretive Contacts.

rpretive Activities Outside of the Area:

	Govt. Publications	Sold	On Hand

EARKS:

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lease read them carefully.

NAME [illegible]
TITLE [illegible]

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orm No. 10-769
eports
n3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Saguaro National Monument
Name of Area

UMBER OF PERSONS ENGAGED:

February
Month

1951
Year

	Interpretive	Administrative	Other	Total
ermanent		3		
emporary		2		

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther Trips			
Total			XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	No. of days NO.		
Monument Headquarters	31	3,739 persons in 1,182 parties	15 Min. avg. per party
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

5,900
Number Visitors to Area this Month

3,739
Total Interpretive Contacts.

Interpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand

REMARKS:

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NAME /s/ Samuel A. King
TITLE Superintendent

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rm No. 10-769
ports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Sunset Crater National Monument
Name of Area

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent				
mporary				

February
Month

1951
Year

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
ito Caravans			
alks or Hikes			
ins or Hist. House			
ther Trips			
Total			XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
iseum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
rail-side Signs	193	496	5 min.
ava Flow Nature Trail	21	61	25 min.
(Give Name or Type) Total	214	557	XXXXXXXX

496
Number Visitors to Area this Month

557
Total Interpretive Contacts.

rpretive Activities Outside of the Area:

	Govt. Publications	Sold	On Hand

RKS: No personnel on duty during February. Lava Flow Na ture Trail put into
ration February 14.

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
lease read them carefully.

NAME
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COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

COLUMN 3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS. GIVE TYPE OF ACTIVITY; SUCH AS TALK, BROADCAST, EXHIBIT, ETC.; DATE; ATTENDANCE; AND OTHER DATA NECESSARY TO DESCRIBE THE ACTIVITY.

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GOVERNMENT PUBLICATIONS: (FOR HISTORICAL AREAS) INDICATE BY NAME OR NUMBER THE COPIES SOLD AND ON HAND.

THIS REPORT DUE FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING INTERPRETIVE SERVICES. RETAIN ORIGINAL IN AREA FILES. IN AREAS EMPLOYING NATURALIST THIS REPORT TO BE ATTACHED TO HIS MONTHLY NARRATIVE REPORTS. IN OTHER AREAS IT SHOULD BE PRESENTED AS A SEPARATE REPORT WITH COPIES FOR COORDINATING SUPERINTENDENT, REGIONAL DIRECTOR AND DIRECTOR FORWARDED THROUGH ADMINISTRATIVE CHANNELS. DATE DUE EACH MONTH IN ACCORDANCE ADMINISTRATIVE MANUAL, VOL. 15, CHAPTER 8 (REPORT 8M3) AND 9 (REPORT 9M3).

rm No. 10-769
ports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

[illegible]
Name of Area

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent	1	1		2
mporary	1			1

[illegible]
Month

1951
Year

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
ito Caravans			
lks or Hikes			
ins or Hist. House	361	1326	48 minutes
her Trips			
Total	361	1326	XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
Museum - Office	30 days	2001	15 min. avg.
(Give Name or Type) Total	31 days	2001	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

2036
Number Visitors to Area this Month

4127
Total Interpretive Contacts.

rpretive Activities Outside of the Area:

	Govt. Publications	Sold	On Hand

EARKS:

ISTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
lease read them carefully.

NAME
TITLE

THE PURPOSE OF THE FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE SUPERINTENDENTS, ASST. SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
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"CONTACT" IS A CONNECTION, INTERPRETIVE IN CHARACTER, BETWEEN A PERSON AND A NATIONAL PARK SERVICE EMPLOYEE OR A PARK INTERPRETIVE DEVICE, EXCLUSIVE OF RADIO, BOOK, PAMPHLETS, AND THE LIKE.

CONDUCTED TRIPS: CARAVAN OR HIKING TRIPS CONDUCTED BY N.P.S. PERSONNEL FOR GENERAL FIELD ACTIVITIES. TRIPS SPECIFIC TO RUINS AND HISTORICAL HOUSES SHOULD BE REPORTED ON LINE 3. BE SPECIFIC UNDER OTHER TRIPS AS TO TYPE OF CONDUCTED TRIP SUCH AS BOAT, SKI, OR OTHER ORGANIZED ACTIVITY.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

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rm No. 10-769
ports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Tumacacori National Monument
Name of Area

February
Month

1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent		1	1	2
mporary			1	1

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or Hist. House	314	2,473	36.65 min.
her Trips			
Total	314	2,473	XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total	0		XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
mbined information and interpretation service			
t registry desk, museum or garden	1	5,815	5 mins. (ave)
(Give Name or Type) Total	1	5,815	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
lf-guiding museum and patio garden	2	5,762	20 mins. (ave)
lthough interpretive service is often given in the garden)			
(Give Name or Type) Total	2	5,762	XXXXXXXX

6,007
Number Visitors to Area this Month

14,050
Total Interpretive Contacts.

erpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand
None		

EARKS: Visitor total includes 192 runarounds.

TRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
lease read them carefully.

NAME Earl Cochran
TITLE Superintendent

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EXPLANATION OF TERMS USED

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REVISED MAY 1949.

rm No. 10-769
ports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

TUZIGOOT NATIONAL MONUMENT
Name of Area

FEBRUARY
Month
1961
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent	1	1		
mporary			1	

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or Hist. House	300	895	
her Trips			
Total			XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)	299	887	10 min.
her (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total	599		XXXXXXXX

991
Number Visitors to Area this Month

1782
Total Interpretive Contacts.

rpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

EARKS:

IS TRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
lease read them carefully.

NAME J. W. Barlow Jr.
TITLE Superintendent

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INSTRUCTIONS FOR FILLING IN THE FORM

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Reports
3m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Walnut Canyon National Monument
Name of Area

February
Month

1951
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	1	1
Temporary	0	0	0

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Overlook at museum	1	747	15 min.
Museum	1	728	10 min.
(Give Name or Type) Total		1475	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Ruins trip into canyon (Island Trail)	1	448	50 min.
(Give Name or Type) Total		~~1923~~ 448	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

1923
Total Receiving Interp. Serv.

747
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
6 page booklets
Popular Studies
Source Books

NAME Homer R. Hastings

TITLE Supt.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Data due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3)

orm No. 10-769
eports
m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

~~Wupatki National Monument~~
Name of Area

~~February~~
Month

~~1951~~
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
ermanent		~~1~~	~~1~~	~~2~~
emporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
Walks or Hikes			
uins or Hist. House	69	204	26 min.
ther Trips			
Total	69	204	XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Wupa tki Ruins Trail	121	316	35 min.
Nalakihu-Citadel Trail	68	170	30 min.
(Give Name or Type) Total	189	486	XXXXXXXX

347
Number Visitors to Area this Month

390
Total Interpretive Contacts.

nterpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

EMARKS: Sup't. absent from area one week.

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME
TITLE

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE SUPERINTENDENTS, ASST. SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.
"CONTACT" IS A CONNECTION, INTERPRETIVE IN CHARACTER, BETWEEN A PERSON AND A NATIONAL PARK SERVICE EMPLOYEE OR A PARK INTERPRETIVE DEVICE, EXCLUSIVE OF RADIO, BOOK, PAMPHLETS, AND THE LIKE.

CONDUCTED TRIPS: CARAVAN OR HIKING TRIPS CONDUCTED BY N.P.S. PERSONNEL FOR GENERAL FIELD ACTIVITIES. TRIPS SPECIFIC TO RUINS AND HISTORICAL HOUSES SHOULD BE REPORTED ON LINE 3. BE SPECIFIC UNDER OTHER TRIPS AS TO TYPE OF CONDUCTED TRIP SUCH AS BOAT, SKI, OR OTHER ORGANIZED ACTIVITY.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

COLUMN 3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS. GIVE TYPE OF ACTIVITY; SUCH AS TALK, BROADCAST, EXHIBIT, ETC.; DATE; ATTENDANCE; AND OTHER DATA NECESSARY TO DESCRIBE THE ACTIVITY.

TOTALS: TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

GOVERNMENT PUBLICATIONS: (FOR HISTORICAL AREAS) INDICATE BY NAME OR NUMBER THE COPIES SOLD AND ON HAND.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING INTERPRETIVE SERVICES. RETAIN ORIGINAL IN AREA FILES. IN AREAS EMPLOYING NATURALIST THIS REPORT TO BE ATTACHED TO HIS MONTHLY NARRATIVE REPORT. IN OTHER AREAS IT SHOULD BE PRESENTED AS A SEPARATE REPORT WITH COPIES FOR COORDINATING SUPERINTENDENT, REGIONAL DIRECTOR AND DIRECTOR FORWARDED THROUGH ADMINISTRATIVE CHANNELS. DATE DUE EACH MONTH IN ACCORDANCE ADMINISTRATIVE MANUAL, VOL. 15, CHAPTER 8 (REPORT 8M3) AND 9 (REPORT 9M3).

UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Region Three
Santa Fe, New Mexico

Monthly Narrative Reports
March 1951

Routing List--Southwestern National Monuments

	Name of Official	Date Received	Date Forwarded
Chiricahua	C. V. Cooke	4-9-51	4-9-51
Saguaro	Sam King	4/10/51	4/11/51
Tumacacori			
Organ Pipe Cactus	Supanagh	4-19-51	4-21-51
Casa Grande	A. Bickneel	4-24-51	4-26-51
Tonto	C. Sharp	4-27-51	4-30-51
Tuzigoot	Brewer	5-2-51	5-3-51
Montezuma Castle	Cook	5/4/51	5/7/51
Walnut Canyon	H. Hastings	5/9/51	5/10/51
Wupatki	F. Brueck	5/11/51	5/13/51
Navajo	Chischeney	—	5/21/51
Region Three Office--Mr. King			

(List No. 2.)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

March 26 1951

Memorandum;

To: General Superintendent

From: Superintendent, Arches

Subject: Narrative Report for Month of March, 1951

Weather: Two welcome snow storms blotted any thought of warm spring weather, but did bring us almost an inch of much needed moisture.

Travel: We recieved our Traffic counter back from the State of Utah which they loaned us last year, and our traffic shows a tremendous increase of 864% over last Month. Allowing 3.2 People per car we had 990 people visit the Arches during Easter Sunday.

And we took the actual count from the register from the first of the month to the 23rd and allowed 25% for non registeration which gave us a total of 1322 people for the Month.

INTERPRETIVE SERVICES: Our interpretive Services improved this Month with 530 of the 1322 visitors being contacted, Total contacts this month amounted to 31 hours.

INTERPRETIVE DEVICES: The two center panels were installed in the Wayside Shelter on March 15 and we are waiting for a set of pictures from Harry Reed and other material from the Regional office to complete it.

MONUMENT ROADS: Maintenanceman Winbourn has completed the spring cleaning of culverts and ditches. He also made one complete round of blading on all Monument Roads. The lack of moisture has been holding us up on this job for some time.

APPROACH ROADS: There is some talk of the State turning the Maintenance of #93 over to the County. We are in favor of this action for Grand County at least has the necessary Equipment.

PUBLICITY: The March issue of the Nash Airflyte Magazine ran a feature article on Arches, by Hal Strong, with a great many excellent pictures. The Denver Post Empire gave a full page of pictures to Arches in their February 18 issue, Showing Delicate, Landscape, and turret through North Window.

INVESTIGATIONS: The Bureau of Reclimation contacted the Superintendent concerning the construction of a dam at the Moab Damsite on the Colorado River. A report of this contact was immediately made to the Regional Office.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

March 27 1961

Memorandum:

To: Chief, Eligibility

From: Superintendent, Arches

Subject: Monthly Report for Month of March, 1961

Maintenance: The maintenance crew started during the month of March working exclusively on the Park Avenue Trail. Approximately 1/2 mile of trail was completed.

Interpretive: The evaluation over Delicate Arch trail from the start of this month. Many lessons we have gathered our Eligibility over Eligibility shows a tremendous increase of 4000 over last month, allowing 24.1 people per car as had 3.03 people visits the average during normal months.

Use of the Park by actual count from the registers for the first of the month to the 23rd and estimated 400 for the registrations which are a total of 3,800 people for the month.

Interpretive activities: Our interpretive services improved this month with the use of the 16mm Bolexes being established. Total attendance this month amounted to 21 people.

Interpretive notes: The two movies shown were installed in the Moonlight Amphitheater on March 22 and we are waiting for a set of slides from Harry Yount and Albert Schmitz from the Regional office to complete it.

Visitor Center: Maintenance Ranger has completed the painting, staining of cabinets and trims. We also have our complete house of Eligibility in the Museum Table. The lack of workers has been holding up an oral talk for some time.

Library Notes: There is some work of the media showing the maintenance of the Theater. We are in hopes of this months for the Park Ranger to have the necessary Equipment.

Publicity: The Park Issue of the Park Interpretive magazine was a display article in June. In the Spring, with a great many excellent photos. The Ranger Park Ranger gave a talk page of photos to Arches in Moab February 16 Lions, Meeting Initiative, Conservation Issues through Park Issues.

Interpretive: The Forum of Publicity mentioned the Superintendent concerning the membership of a day at the Park Service in the Colorado River. A report of this meeting was forwarded to the Regional Office.

PERSONAL: Superintendent Wilson was unable to accept the Transfer to Blue Ridge Parkway, due to the prohibitive increase in the living cost entailed in the Transfer.

EQUIPMENT: Two new tires were recieved for the front wheels of the front end loader. We have still not been sucessful in obtaining rear tires for this piece of equipment.

SIGNS: In placing the new signs on Delicate Arch Spur Road we are experimenting with a new design and color scheme. If the combination proves satisfactory we will request permition to change our entire sign system.

that's a new spelling but it makes a good word. B

NATURAL BRIDGES: The State road Commission on March 6 announced that nearly $1,600,000 would be expended this year on road construction to uranium mines in southeastern Utah. The State has agreed to finance 10% of the total cost of three separate road improvement projects, while the while the remainder of the cost will be paid by the Atomic Energy Commission.

The improvement of 90 miles of Road between Green River and Hanksville and the construction of 30 miles of new road, to avoid the 9000 foot elevations at the Bears Ears in the Elk Mountains will certainly increase travel to Natural Bridges. A truck road is also under construction from the junction of Hite and Bridges roads, running about forty miles south to an oil well which is being drilled by the Skelly Oil Company.

LOCAL INTERESTS: Construction has started on a truck trail from Moab down the North side of the Colorado River to the Cane Creek Oil Well.

UTILITIES: A new Propane hotwater heater and a kitchen range were instaled in quarters #1 on March 5and6. During this instalation corrections were made to the existing system to bring it up to standard specifications.

T. Earl Worthington

T. Earl Worthington
Acting Superintendent

PROTEST: Superintendent Hilton was unable to accept the transfer to the Elite Factory, due to the prohibitive increase in the living cost entailed in the transfer.

POSITIONS: Two new hires were required for the clean wheels of the Crown Coal Loader. We have still not been successful in obtaining year times for this piece of equipment.

NOTE: In placing the new edge on Jackpine arch floor head we are experimenting with a new design and metal scheme. If the experiment proves satisfactory we will require permission to change our entire slip system.

that's a new approach, but it makes a lot of sense

SERVICE MINUTES: The State Road Commission on March 6 announced that nearly $4,000,000 would be expended throughout the road construction to relieve slack in employment that. The State has agreed to finance the of the local cost of these separate road improvements (roads), while the allie the remainder of the cost will be paid by the Alpine Energy Commission.

The improvement of 40 miles of road between Crown River and Jackpine and the construction of 40 miles of new road, to avoid the 2000 feet elevation at the Pass Lake Spring (Jackpine) will probably increase overall to Palmer Junction. A great deal is also under construction from the junction of this and Hilton roads. Weather-wise Jerry Allen says to be all well after being drilled by the Jackpine Oil Company.

LOCAL INDUSTRY: Construction has started on a truck trail from Jackpine the north side of the Colorado River to the Gem Creek Oil Well.

UTILITIES: A new Pyramid Telephone Switch was a Kitchen range were installed in quarters 12 on Main Street. During this installation arrangements were made to the existing system to bring it up to standard specifications.

[illegible]
[illegible]
Acting Superintendent

Page 4 c. Jackpine Natural Resource

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

24 March 1951

Memorandum

To; General Superintendent

From: Superintendent, Aztec Ruins

Subject: Superintendent's Monthly Narrative Report

WEATHER: The month has been typical of the season; windy, with cool mornings and many warm afternoons. The low for the month was eleven and the high sixty seven degrees. We failed to receive any measurable precipitation during the month.

MAINTENANCE: The floors in the covered rooms and the Great Kiva have been treated with Sani-Soil-Set. This is certainly a great improvement over the previous half inch of fine dust which served as a floor covering. The rooms now present a neat and more orderly appearance.

INTERPRETIVE SERVICES: There were 445 visitors in 76 parties conducted thru the ruins and 755 visitors in 240 parties shown thru the museum.

INCREASE IN TRAVEL: Our travel for March continues the general trend of the past several months with a twenty percent increase over the same period a year a go.

PERSONNEL: Superintendent Townsend has been on annual leave since the 18th of March and will return to duty the 14th of April.

VISITORS: We had the pleasure of meeting and showing the ruins to; Mr. J. A. Delaney, U. S. Bureau of Land Management, Washington, D. C.; Mr and Mrs. Boatright, and Miss. Ida Lents of the Region Three Office; and Ranger E. W. Stevens of the Umcompagre National Forest.

Clyde A Maxey

Clyde A. Maxey
Acting Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

March 29, 1951

Memorandum

To: General Superintendent

From: Superintendent, Bandelier

Subject: Monthly Narrative Report for March, 1951

Weather

Precipitation continued to be below normal with only .05 inches being received this month. Santa Fe has started to ration water and the shortage will become acute unless a considerable amount of rain is received this spring.

Temperatures were fairly uniform and were generally in the sixties during the day and the twenties and thirties at night. A high of 71 degrees was recorded on the 7th, 21st, and 25th and a low of 11 degrees was reached on the 4th and 12th.

Special Activities

A special meeting was held with all employees on the 12th to discuss plans for the Civil Defense organization. Each employee was assigned a division to be responsible for and the details will be completed about the first of April.

The Superintendent and Regional Forester attended a meeting at Los Alamos with Forest Service and Atomic Energy Commission officials to discuss cooperation for the protection of the Los Alamos laboratories in case of emergency. This cooperation is mostly concerned with the prevention, detection, and suppression of forest fires that might interrupt utilities or damage valuable installations.

A conference was held with Mr. Gilgis and Mr. Baker concerning the management of the Lodge kitchen and needed repairs to equipment.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

June 20, 1951

Memorandum

To: General Superintendent

From: Superintendent, Bandelier

Subject: Monthly narrative report for June, 1951

Visitor

Visitation continued to be below normal with only 45 visitors using overnight park areas. Even so the demand by people for overnight use has strained well beyond their capacity a considerable number of cars in the national park system.

Visitor contacts were fairly numerous and they were generally in the relaxing feeling the day and the beauties and attractions of the park. A lot of the visitors are regarding the Park, Alamo and Cebolla and a lot of it concerns well needed on the 4th and 5th.

General activities

A special meeting was held with all employees in the park to discuss plans for the civil defense organization. Each employee was assigned a duties in an emergency for use the Bandelier Civil Defense Organization plan - 1 copy.

The superintendent and Assistant Ranger attended a meeting in Los Alamos with Forest Service and Atomic Energy Commission officials to discuss cooperation for the protection of the Los Alamos laboratories in case of emergency. This cooperation is mainly concerned with the prevention, detection, and suppression of forest fires along Forestry Highway or other Atomic Commission installations.

A conference was held with Mr. Ellis and Mr. Baker concerning the management of the large plantes and animal problem in Alamo.

Inspections

Mr. Edwin Kenner from the Washington Office and Region Three Architects Saunders and Marsh made an inspection of needed rehabilitation projects in the buildings and campground on the 13th.

Architect Carter discussed plans for the road change at the checking station with Bureau of Public Roads engineers on the 15th.

Maintenance

The new dishwashing machine for the Lodge kitchen was received on the 26th and installed immediately. This will correct the major criticism that the Public Health Service had of the kitchen operation.

The living room, dinette and kitchen of residence 3 and the kitchen and living room of residence 2 were painted with rubber emulsion base paint. These rooms had not been redecorated for five years.

Additional stones were placed to define parking spaces in the campground and to prevent campers from driving their cars too close to trees.

Approach Road

35 Loads of volcanic ash were hauled onto the road between the checking station and the end of the paving in preparation for oiling.

The contractor started work on March 12 on the section of highway 4 from TA33 to the Los Alamos west gate. The road is being reconstructed by the Atomic Energy Commission. Approximately one and one half miles of this road are a part of the Bandelier approach road.

Laborers Cordero and Toribio were entered on duty to begin the spring maintenance of roads and trails.

Interpretive Service

A total of 829 visitors were conducted on 85 tours of the ruins this month. An estimated 543 persons visited Ceremonial Cave and Tsankawi Ruin.

Three trail side exhibit stands have been completed but we are very much in need of some one who can make reconstruction drawings of three of the ruins. As soon as these can be obtained the stands will be installed.

Travel

Travel continued its upward swing that was temporary halted in February. There were 1861 visitors this month compared to 1413 last year. This gives us approximately 2,000 visitors increase for the travel year. Nearly 700 persons came to Frijoles Canyon on the 25th which is more than we would expect in August a couple of years ago.

Ranger Service

Supervisory Ranger Keefe completed the assembling of kits of accidents reports for each vehicle as suggested in FO 943.

Insects and Tree Diseases

Funds for the aerial spraying for the control of tent caterpillars in Frijoles Canyon are to be allotted and a request for permission for the plane to operate in this area was made to the Atomic Energy Commission. Most of the Monument lies in the Los Alamos air space reservation.

Public Health

Covers were constructed of sheet metal for manholes in the water intake and reservoirs that were surrounded by a cement curb.

Training

The in-service training sessions that were started in January were concluded on the 27th. The subjects covered included:

History and Legislation
Protection
Objectives and Policies
Fiscal Procedure
Maintenance
Interpretation
Wildlife
Concessions
Personnel

[illegible]

All of the employees took part in the sessions and we also received valuable aid from Messrs. Gilmore, King, Reed, and Arnberger of the Region Three Office.

Fred W. Binnewies
Fred W. Binnewies
Superintendent

Canyon de Chelly National Monument
Chinle, Arizona.

March 26, 1951

Memorandum

To: General Superintendent

From: Superintendent, Canyon de Chelly

Subject: Monthly Narrative Report for March, 1951

Visitor Travel: 210 people in 65 cars this month. This represents a figure of almost four times that for the same period of last year. Increased travel due mainly to an early Easter and good weather conditions. The current travel year has almost doubled that of 1950. A total of 36 hours, and 40 minutes spent on interpretive work.

Weather: With the exception of several below freezing nights the weather has been very satisfactory. The customary March hard winds have not as yet arrived. However, it has been unusually dry. Only 3.79 inches of moisture during the past 17 months.

Project Programs Progress: Very satisfactory progress is being made on our various programs. As previously mentioned all concrete picnic tables and fireplaces have been completed and placed at the three campground areas. We are now in the process of placing new trash disposal containers - improving the parking areas - sign work, and other miscellaneous jobs to make the campground areas more usable and attractive. 75 overnight campers already this month have taken advantage of these added facilities.

The Hart Hardware and Plumbing Company, Gallup, New Mexico, was the successful bidder for the alterations to the Superintendent's Residence. Work will start on April 2.

Completion of the de Chelly Water Shed Soil & Moisture Program will be made as soon as 7 tons of wire is received from the General Services Adm.

Several loads of material were hauled for surfacing the road. We are unable to do any major grader work due to extreme dryness.

Improvements and surfacing of trails are being made as time permits.

Other Activities: All forms for the construction of picnic tables and fireplaces were hauled to El Morro on March 11, and three days were spent there assisting the Superintendent in getting his picnic table project under-way.

Jaques de Dailly National Monument
Dalai, Arizona.

March 14, 1963

Memorandum

To: General Superintendent

From: Superintendent, Jaques de Dailly

Subject: Monthly Narrative Report for March, 1963

Visitor Travel: 320 people in 67 cars this month. This represents a figure of almost four times that for the same period of last year. Increased travel was mainly to an early Easter and good weather conditions. The current budget year has almost doubled that of 1962. A total of 25 hours, and 60 minutes spent on interpretive work.

Weather: With the exception of several heavy frosting nights the weather has been very satisfactory. The anticipated April rains are not as yet arrived. However, it has been unusually dry. Only 0.17 inches of moisture during the past 17 months.

Jaques Jacques Project: Very satisfactory progress is being made on our various projects. We practically completed all remaining public toilets and fireplaces have been completed and placed at the three campground areas. We are now in the process of placing our trash dispenses containers - improving the parking areas - also work, and other miscellaneous jobs to make the campground area more usable and attractive. It essentially requires already this month have taken advantage of these added facilities.

The Park Rangers and Fishing Company, Dailly, Jac Dailly, was the successful bidder for the concession to the Superintendent's Residence. Work will start on April 2.

Completion of the de Dailly Motor Road and A Dailly Jaques will be made as soon as I know of who is selected from the Memorial Services.

Several loads of material were hauled for surfacing the road. We are unable to do any major grader work due to extreme dryness.

Improvements and surfacing of trails are being made as time permits.

Other Activities: All farms for the construction of picnic tables & fireplaces were mailed to 21 firms on March 21, and three bids were open. We anticipate the Superintendent in getting his picnic table project underway.

Canyon de Chelly National Monument
Chinle, Arizona

March 26, 1951

A 1 1/2 foot x 3 1/2 foot x 105 foot long stone retaining wall has been constructed in rear of the administration building and living quarters. This construction not only serves a very useful purpose, but adds materially to the general appearance of the headquarters area.

N.P.S. Visitor: Sup't. Bates Wilson and family on March 19.

Special Parties: 60 members of the Southern California Sierra Nature Club on March 21-22. The entire group camped overnight at the Spider Rock picnic area and were much pleased over the new campground facilities. All members expressed a desire to return as individual families during the coming summer months for the purpose of staying for several days. 45 made the trip into the canyons.

Easter Sunday Activities: Local School Officials assisted by de Chelly Park employees sponsored an Easter egg hunt for more than 300 school children at our headquarters campground area. Needless-to-say this was much enjoyed by these little tots.

Everett W. Bright
Everett W. Bright
Superintendent.

Letter to Daily National Commander
Phoenix, Arizona

Page No. 2

Level 22, Just

A 1 1/2 foot x 2 1/2 foot x 200 foot long stone retaining wall has been constructed in rear of the administration building and living quarters. This construction not only serves a very useful purpose, but adds materially to the general appearance of the headquarters area.

Fall & Winter: Night. Video Films and Daily on Level 22.

Special Parties: 40 members of the Southern California Sierra Club on March 21-22. The entire group camped overnight at the higher Bear Flat area and were much pleased over the new improved facilities. All members expressed a desire to return as individual Campers during the coming summer months for the purpose of staying for several days. It made the trip into the mountains.

Junior Camp Activity: Local School Officials assisted by a Daily Corps employee conducted an Junior Camp for more than 200 school children at our headquarters recreational area. Swimming-in-the lake was much enjoyed by those little tots.

Respectfully yours,
Forrest T. Lytle
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

~~Capulin Mountain~~ NATIONAL MONUMENT

Capulin, New Mexico

March 25, 1951

Memorandum

To: The General Superintendent
Southwestern National Monuments
National Park Service
Santa Fe, New Mexico

From: Superintendent Homer J. Farr

Subject: Monthly narrative report, March 25, 1951

Visitors: About three hundred people have visited the Monument during the month of March, making a total of five thousand one hundred during the travel year and twenty four thousand three hundred for the fiscal year to date.

Weather: There has been a variety of weather thru the month. It was extremely windy for the first few days, then an extra cold spell with the thermometer reaching 12 degrees below zero one night. Have had about five inches of snow in March.

Flora and Fauna: A bunch of nine deer , mostly does, have been seen in the Monument area several times this month. Other wildlife in the area is doing fine. Trees and shrubs are beginning to take on a tinge of spring green.

Roads and trails: The road has been maintained through the month and has been kept open to traffic every day, despite a few 10 to 12 in snowdrifts on the north side.

Special Visitors: To my knowledge there have been no special visitors during the month.

Information Pamphlets: About twenty pamphlets have been distributed to tourists during the month. Upon request, 250 pamphlets have been delivered to the Chamber of Commerce of Raton, 250 to the Chamber of Commerce of Clayton and 100 to the Port of Welcome at Clayton. Have about 16,890 on hand now.

Homer J. Farr
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Capulin Mountain NATIONAL MONUMENT

Capulin, New Mexico

March 25, 1962

Memorandum
To: The General Superintendent
Southwestern Regional Headquarters
National Park Service
Santa Fe, New Mexico

From: Superintendent, Tony J. Tarr

Subject: Annual activity report, year 19, 1961

Visitors: Above some months saw the visitor count rise to the previous
visitor marks, it fell a total of 11% at this location and has
dropped further the lowest that and again that increased curve beginning
for the 1961 year.

Weather: Spring for lack of a variety of weather left the month,
it was extremely early for the first day, that we water will
vanish with the thunderstorm provided 17 inches. Below zero, the light,
low and short time above of year is 20 days.

Fire and Insect: A count of other fire , mostly fire, have been
made in the Southwestern area, several times this month. Other activity
in the area is a river fire. There was fighting or helping in some
of a time of erosion areas.

Roads and trails: The road has been maintained through the month
and has been kept open to traffic every day, supplies a fire in 2 to
in remarkable as the park view.

Special Visitors: To a Southwestern state film was or several
visitors during the month.

Information Contacts: About twenty monthly were been visited
visited 50 towards during the month. From visitors, the majority
have been motorists in the Chamber of Commerce of Raton, 250 in the
Chamber of Commerce of Clayton and 100 by the port of Tucumcari
Clayton. Have about 12,000 as have been.

Tony J. Tarr
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CASA GRANDE NATIONAL MONUMENT

COOLIDGE, ARIZONA

March 25, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Casa Grande National Monument

Subject: Monthly Narrative Report for March, 1951.

General: With the daily temperatures pushing the high eighties, the females of the species are breaking out in their deepest plunging necklines and their fanciest "bikini" sets. We have thought that a committee from Congress should make an investigation here....it would be most revealing. No objections.

In other words, the weather is great. The travel continues to be good; however, there is a definite shift from the winter-resident-type visitor to the early vacationers. The California visitors have really been hitting the area the past ten days due to their Easter vacation.

There is, however, another side to the weather picture; our drouth continues to be critical. The Arizona Republic brought the whole situation up to date with a report from Louis R. Jurwitz, the offical weatherman for Phoenix, quoted, in part, as follows:

> Stream flows from rainfall during the past five months, which normally accounts for 80 per cent of the annual runoff, dropped to from 3 to 9 per cent of normal..... Records at the Calva station (for) inflow into Coolidge reservior show only 10,400 acre feet of new runoff since last Sept. 30. That is 3 per cent of the normal annual total of 330,000 acre feet, and the amount of stored water is now so low that it will not flow through the gates..... The Salt River and San Carlos projects already are severely hurt-- San Carlos critically.... Cotton and produce growers may be compelled to cut planting in half because of the water limitations.

The old Casa Grande has really hit its style. The "mud hut", so often photographed and threaten by cameras, has been photographed for television. The National Broadcasting Company, doing a

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CASA GRANDE NATIONAL MONUMENT

COOLIDGE, ARIZONA

study of the phases of the University of Arizona activities, had Dr. Haury and 25 archeology students make the trip from Tucson to be photographed with a photogenic ruin for a background. Just when the material will be televised we haven't heard, but imagine, Casa Grande on television.

Pinal County is a great place to live. Besides having wonderful weather, the Arizona State Employment Service's A News Letter tells of the excellent job opportunities-- clerical jobs starting salaries of $300.00 a month; sounds good doesn't it? Even some of the cotton choppers find it such a swell place that they stay right around the year and draw unemployment compensation during the winter.

Weather: The steady pulse of daily temperatures in the mid and high eighties shows that "cooler" weather is on its way. This month there were 14 days of the 28 with maximum readings above eighty. The weather is so close that the cotton farmers are working round the clock getting the seed under the ground.

Number of days with temperatures above 80° -- 14

The highest maximum temperature -- 91°

The lowest minimum temperature -- 26°

Visitors: As usual, the travel for this month continues the trend of exceeding the same month last year. There were visitors from every state and territory except Rhode Island; lots of Canadians, of course; and a scattering from Austria, France, Germany, Switzerland, the Netherlands, and Pakistan.

	1951	1950
Visitors during March	4,759	3,880
Increase	879	
Visitors for Travel Year	24,491	22,226
Increase	2,265	
Servicemen in March	14	

Interpretive Service: A total of 2,798 people made the trip to the "ruins" in 216 groups, averaging 51.1 minutes per trip. There were 1961 visitors who made only a brief stop and did not see the "ruins"; we estimate that 70% of this group did see the museum.

Visitors of Note and Special Groups:

March 2, 1951 -- Cub Pack 47, Den 3, from Eloy, for a trip to the "ruins" and a weiner and spud roast.

study of the places of the University of Arizona activities, and Dr. Harry and Dr archeology students make the trip from Tucson to be photographed with a prehistoric rule for a background. Then when the material will be television we haven't heard, but imagine, Case Grande on television.

Pinal County is a great place to live. Besides having wonderful weather, the Arizona State Employment Service's A Year Latter tells of the excellent job opportunities-- clerical jobs starting salaries of $300.00 a month; female grad degree's 1st. Even some of the cotton choppers find it such a well place that they stay right around the year and form employment cooperatives during the winter.

Weather: The steady pulse of daily temperatures in the mid and high eighties shows that "Solar" weather is on its way. This month there were 14 days of the 28 with maximum reading above eighty. The weather is so close that the cotton farmers are working round the clock getting the seed under the ground.

Number of days with temperatures above 80° -- 14

The highest maximum temperature -- 91°

The lowest minimum temperature -- 59°

Visitors: In sum, the travel for this month surpasses the trend of attracting the same month last year. There were visitors from every state and territory except Rhode Island; Isle of Canadian, of course; and a scattering from Austria, France, Germany, Switzerland, the Netherlands, and Italian.

	1950	1951
Visitors during Month	4,130	5,300
Increase	900	
Visitors for Travel Year	24,121	29,421
Increase	5,300	
Servicemen in Month	14	

Interpretive Service: a total of 5,704 people made the trip to the "ruins" in the group, averaging 81.1 minutes per trip. There were 1951 visitors who made only a brief stop yet did not see the "ruins"; we estimate that 75% of this group did see the ruins.

Visitors of Some and Special Groups:

March 3, 1951 -- Job Task 47, Jan 3, from City, for a trip to the "ruins" and a water and road tour.

March 6, 1951 -- 62 students from the 7th and 8th grades of Flowing Well School, Tucson, for a tour and museum visit.

March 7, 1951 -- Mr. Ray Overstreet, a representative of the Public Relations Dept. of the Phoenix Chamber of Commerce, for a "ruins" trip.

March 10, 1951 -- 3 French Air Cadets from Williams Field for a quick picnic and museum visit. They would have liked to have taken the tour, except they didn't understand English, and we don't speak French.

Mr. U. A. Ansan, Press Secretary for the Pakistan Embassey, Washington, D. C., took advantage of the usual services, the tour and museum.

March 11, 1951 -- 100 Knights of Columbus and their families from Eloy, Coolidge, and Casa Grande had a lamb bar-B-Q (that really smelled good); also took in the "ruins" and the museum.

March 15, 1951 - Dr. Haury, 25 archeology students from the University of Arizona, and four N. B. C. photographers; all all part of the plan to televise the Casa Grande as a backdrop for the University's archeology activities.

March 16, 1951 -- 30 members (mostly youngsters) of the Pilgrim Church for a picnic.

March 21, 1951 -- Messers Davis, Cornell, and Lassiter from the Regional Office for a "routine" check and inspection.

March 22, 1951 -- 38 members of the Pilgrim Church for a pre-Easter egg hunt for the youngsters in our picnic area.

March 24, 1951 -- 55 Seventh Day Adventist for a pot luck picnic; they shared apple pie and chocolate cake with the staff.

Administration and Protection: There were ten requests for information this month; the literature requested was mailed.

As per usual, the Adamsville site was walked over, and there was no new evidence of "pot robbing".

The continuing heavy travel keeps the maintenanceman busy just picking-up after the public; with the warm evening there has been a great increase in the use of the picnic grounds, and the maintenanceman spends more time policing the area.

March 4, 1921 -- 17 students from the fan and the review of Pinsker Hall School, Tokyo, for a tour and memory visit.

March 7, 1921 -- Mr. Ray Overstreet, a representative of the Public Relations Dept. of the Toronto Theater of Commerce, for a "Prima" trip.

March 10, 1921 -- 4 French air officers from Billiers Field for a visit (Lewis and Maxwell visit). They would have liked to see Mabon the Sun, though they didn't understand English, and no doubt speak French.

Mr. V. L. Amon, press secretary for the Pontiac Motors, Montreal, P. Q., took advantage of the usual services, the tour and lunch.

March 11, 1921 -- 300 Girls of Colleges and high Institutes from Ottawa, Montreal, and Lake Crescent had a lunch hour-long (that really enabled young) visit to the "Sales" and the museum.

March 12, 1921 - Mr. Henry, 22 archeology students from the University of Arizona, and from U. A. C. photographers all part of the plan to relative the Lake Crescent as a Center of the University's archeology activities.

March 16, 1921 -- 12 modern (mostly geological) of the Ontario Center for a visit.

March 17, 1921 -- Professor Davis, Jarrell, and Lawrence from the Regional Office for a "routine" work and interviews.

March 18, 1921 -- 23 members of the Ontario Center for a preliminary visit just for the photographs in our photo area.

March 20, 1921 -- 22 Jewish Day students for a rest hour picnic that ended upon the one snowfalls while the visit.

Publicity in and Transactions that were the reports for information this month; the library requests was noted.

As per usual, the Administration also worked over, and there was no new criticism of "not working".

The continuing heavy heavy rage the maintenance for just picking after the policy with the bill overall there has been a great increase in the use of the picnic grounds, and the entertainment events more than picking for two.

Wildflowers and cactii blossoms: With the drouth there certainly will be fewer wildflowers, but nevertheless, the cycle is beginning. Around the monument the Creosote Bush is "busting out all over"; the Ocotillo buds look as though they are just about due to open. The poppies are starting to appear along the well-watered road drainage. There are no Cactii blossoms as yet.

A. T. Bicknell
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Chaco Canyon National Monument
Bloomfield, New Mexico

March 25, 1951

Memorandum

To: General Superintendent

From: Superintendent, Chaco Canyon

Subject: Report of Activities at Chaco Canyon National Monument during the Month of March, 1951.

Weather Conditions

Only .01 of an inch of moisture was recorded this month and one of the dryest seasons on record continues. There were many days with high winds. Our maximum temperature was 67 degrees and our minimum was 10 degrees.

Administration

With only the Superintendent on duty during the month it has not been possible to do much more than just keep up with the major items of administrative work. One trip was made to Gallup, New Mexico, and one to Farmington New Mexico for a wage rate survey. Work continues on the building report folders none of which have ever been prepared for this area.

Maintenance

Work on signs, roads, and general maintenance and repair of equipment has been carried on with the help of one unskilled Navaho assistant.

Visitors

Travel continues to show a considerable increase over last year and with improved road conditions should hold up. Due to the temporary shortage of personnel it has been impossible to contact all visitors.

Interpretive Services

A total of eighteen hours was spent in guide and contact work.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Cape Cod National Seashore
Orleans, Mass. 02653

June 25, 2001

Memorandum

To: Superintendent Cape-Islands

From: Superintendent, Cape Cod

Subject: Report of activities at Cape Cod National Seashore during the April-at ceeing, 1981.

Beach Patrolling

July 4th of the first of patrolling our beaches this season and one of the busiest months for forest patrolling. Their very busy days this month. The beaches experiences over 17 drowns and our children was 32 degrees.

Lifeguarding

With only the Superintendent on duty during the month it has not been possible to do much more than just keep up with the major issues of administrative work. The duty was quite be busing. Jim Dowling and was be Fundraising the Bunker for a main role approv. Just additions to the building events Fellows been of which have ever been pressure for this area.

Maintenance

Work on signs, roads, and general maintenance and repair of equipment has been carried on with the help of one seasonal Special assistant.

Fishing

Travel restrictions in place a considerable increase over last year and with improved road conditions should help so. The in the temporary closings of personnel it has been impossible to monitor all violations.

Interpretive Library

1 total of eighteen hours -- used to write and develop exhibits.

Approach Roads

Work continues on the road in from Highway 40 and is in the best condition it has been for some time. In a discussion with the Highway engineer he stated that although no work was scheduled on our southern approach that it might be possible to make atrip or two over it with the grader.

Mobile Unit

Archeologist Gordon Vivian and his crew of Navaho Workmen have moved to Gran Quivira for stabilization work.

Meredith M.Guillet
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Chiricahua National Monument

Dos Cabezas, Arizona

March 28, 1951

Memorandum

To: General Superintendent

From: Superintendent, Chiricahua

Subject: Monthly Narrative Report

There follows the Chiricahua Monthly Narrative Report for March, 1951:

WEATHER The month was typically March with strong winds and variable temperatures. Maximum temperature recorded was 73 degrees; the minimum, 14. Precipitation occurred on 6 days to bring the month's total to 1.60 inches of rainfall. Hail fell on the 27th.

SPECIAL ACTIVITIES Superintendent Cooke took Annual Leave on the 25th. and will be absent from the Monument until the 1st. of April. He plans to visit Carlsbad Caverns during the week of leave.

PUBLICITY Chiricahua received publicity this month in the March issue of FORD magazine. The article, written by author-photographer Weldon Heald, included the Monument as an outstanding attraction in the Chiricahua Mountains. Mr. Heald wrote at length as to why he has chosen this corner of Arizona for his new home the Painted Canyon Ranch at Portal, Arizona.

APPROACHES TO MONUMENT All of the approach roads into Chiricahua remained in good condition during March. Several cars travelled the road through Pinery Canyon with no difficulty. The Monument road was kept in excellent condition through the month.

CONCESSIONS Of interest to Chiricahua is the continued increase in guests at the Silver Spur Guest Ranch. Travel records for March show that 82 visitor days were spent at the Ranch. This, and the count for February of 101, is more than double the count for the same period of last year. It is also of interest to see the Ranch accept more reservations from Monument visitors for dinners and lunches. A few have been turned away in March but the percentage is a great deal lower than it has been in the past. This is gratifying inasmuch as there is no other restaurant within forty miles.

INTERPRETIVE SERVICE Three illustrated lectures on Chiricahua were presented this month. Superintendent Cooke spoke to an audience of 14 for one hour at the Silver Spur Guest Ranch on the 11th. and again for the same period in the museum to 14 on the 17th.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Chickamauga National Monument
Fort Oglethorpe, Georgia

March 27, 1931

Memorandum

To: Command Superintendent

From: Superintendent, Chickamauga

Subject: Monthly Narrative Report

There follows the Chickamauga Monthly Narrative Report for March, 1931:

Visitors: The weather was unusually warm with strong winds and generally inclement. Visitors temperature reached one 72 degrees the minimum, 15. Transportation conveyed on 6 days in twenty-six months total 16,[illegible] visitors of statistic. Most fall on the 27th.

Special Activities: Superintendent gave two bonus talks on the 8th. and will be absent from the Monument until the 1st. of April. The plans to visit Cartland Cemetery during the week of 1st.

Publicity: Chickamauga received publicity this month in the Times issue of 27th weekly. The article, written by Julian Harris, includes the Monument as an educational asset in the Chattanooga Territory. Mr. Harris spoke at length of its use as the [illegible] of Indians for six one hour the Friday Lecture Series. Natural, [illegible].

Difficulties to Contend: All of the equipment needed from Chickamauga replaced by used equipment during spring.
Several days inclement this month causing visitors [illegible] difficulty.
The Monument road was kept in condition possible through its week.

Commendations: Of interest to Chickamauga is the [illegible] people at the Silver Jubilee Jamboree. Twenty thousand for seven days this of visitor boy were guests of the Jamboree. [illegible] and the month for February of 1931, is more than double for month for the same period of last year. It is also of interest to note the [illegible] visitors from Tennessee visiting for Sunday and holidays. I the time [illegible] over in March has the percentage is a great deal larger than it has been in the past. This is probably because [illegible] Chattanooga visitors.

Interesting Events: Three illustrated lectures on Chickamauga were presented this month. Superintendent Tomlin spoke to an audience of 1[illegible] the Silver Jubilee Boy Scout Jamboree the 12th. Was again for the same period in the morning in 11 on the 17th.

Ranger Gaynard held a one and one-half hour lecture in the museum on March 24. The use of the museum for these slide lectures has proven to be very satisfactory. With proper seating arrangements, the room will accomodate 35 visitors. On the two showings this month, a "slide-swap" session was held after the Service talk and slides owned by campers and visitors were run off for the interest of the group. Both lectures were warmly received and the "slide-swap" sessions were thoroughly enjoyed by all. Camper use has been heavy and 25 were in attendance at the show of the 24th.

The Sierra Club of Southern California camped at Chiricahua from the 21st. to the 23rd. with 29 members in the group. On the evening of the 21st., a campfire meeting was held with Superintendent Cooke giving a talk of one-half hours duration. The Club was likewise entertained on the evening of the 22nd. and taken for a conducted trip through Echo Canyon and Heart Of Rocks that day.

Contacts in the museum totaled 1429 visitors in 410 parties.

Twenty visitors enjoyed the use of the Chiricahua Nature trail. One conducted tour of the trail was made with three visitors.

One conducted auto trip through the Monument was made with five visitors. Four conducted walks on the Massai Point loop trail was made with twenty-four visitors.

TRAVEL Travel for the month of March showed an increase of 8.7% over March of 1950. The total number of visitors was 1575 and gave a 15% increase over the previous month. Chiricahua is now 304 behind the travel year total of 6969 recorded this date in 1950.

Last year's travel year totals showed a 92% increase in campground use over that of 1949. From all indications, this year's count should again double the previous year's figures. March brought a very heavy use of the camp site including many trailers. Total visitor days on the campground was 391.

Although Chiricahua is behind last year's count on total visitors, the Monument is 2 ahead on total visitor days. For the month of March 1951, the figures are 2058 total visitor days. For March 1950, that same total was but 1647. This would certainly indicate that although we have fewer individual faces on the Monument this year, the area is being used more heavily and more personnel time is necessarily spent with the public interest.

RANGER SERVICE Some Ranger time was spent during the month on the Monument signs on approach roads. These have almost entirely been covered and work has started on those signs inside the boundaries. With the Sierra Club visiting the area, and with heavy camper use and increased travel, a good share of Ranger hours was given to the visitors.

Letters have been sent to several Universities for applicants for the Seasonal Ranger position at the Monument. To date, only one man has made application. Neighboring ranches and towns are being surveyed for a man to fill the Fire-guard position. This job likewise has received but one application.

Clifford C. Gaynard

Clifford C. Gaynard,
Acting Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
El Morro National Monument
El Morro, New Mexico
March 23, 1951

Memorandum

To: General Superintendent

From: Superintendent, El Morro

Subject: Monthly Narrative Report

This month, for the eighth consecutive month, there was a large increase in visitors. There were 109 visitors who came in 46 automobiles. Of these, 77 took a trip around the Rock in 29 parties. 38 persons in 13 parties had a orientation talk, and 8 people in 3 parties went on top of the Rock.

The weather has been typical for March - like summer one day and like January the next, but with very little wind. The maximum was 64 degrees and the minimum was a minus 5 degrees Fahrenheit. There was .46 of an inch of moisture.

With the cooperation of Superintendent Bright and Ranger Morris, we have our picnic tables and fireplaces well under way. Those at Canyon de Chelly lent us their forms and Bob Morris came with them and got us started.

Some time has been spent working on the Master Plan.

Considerable trouble with the light plants again. When the technician made his monthly checkup, he got them both running but one is running fairly well now and the other is down again.

Again this month, the technician spent hours working over the radio, but to no avail. No matter how loud I scream, the answer from WMKU is that all they can hear is a hum. By now we know lots of things that are not the matter with the radio and eventually we hope to find the trouble.

Our large sign at the entrance gate was repainted this month.

The floors in the office and residence were refinished.

The rest of the coal was shoveled from the coal bin to the truck and from the truck to the basement.

Some, but very little, research was accomplished.

National Park Service visitors included Bob Morris, John Davis, Mr. and Mrs. Bates Wilson, Mr. Lassiter and Mr. Kell.

On the night of the 17th of March, shortly after 6:00 p.m., some young people came by to tell us of a serious automobile accident approximately one mile from our headquarters. They said that some of the people appeared dead, but that they had not stopped. After telephoning the Zuni hospital, getting some sterile cloths, flashlight, first aid kit and others, the superintendent jumped in the pickup and went to the scene. It was one of the most ghastly accidents that one can imagine. We have all heard the expression "blood and brains all over the street" - such was literally the case. After a quick survey of the situation and finding the living persons were in need of blankets for it was a very cold night, the superintendent came back home, secured blankets, hot water bottle and the like and telephoned the Zuni Hospital again, the State Police who promised to send a wrecker and an ambulance immediately and then returned to the scene of the accident. Counting an unborn child who died as a result of the accident, there were 9 persons in the car. Five of them died!! The automobile was as complete a wreck as I have ever seen, even the rear axle housing and differential was off the car - in pieces! The superintendent was on the scene helping out as he could until nearly 1:00 a.m.

While at the scene of the accident, a passerby reported to the superintendent that there had been another accident 7 miles down the road but the injured had been cared for. Upon returning home and while making my report to the State Police Officer one of our nearby residents interrupted our telephone conversation to tell us that one of our neighbors was involved in the other accident and was in serious condition in Grants. A few minutes later we heard that the man needed a transfusion, so the superintendent offered his blood as it was of the same type. The hospital in Grants was telephoned. No blood was needed at the moment, they had enough, but the superintendent was to stand by ready to go to Grants should they need more. In a few hours, the man was transfered to Albuquerque where he died.

One of the most touching aspects to this superintendent was the fact that there was a little boy just the age of our boy, wearing an exact duplicate of our boy's jacket, who lay

crushed todeath under the car. There were many other pitiful happenings: one woman who could scarcely move kept asking for her boy who was under the car and her husband who was less than 10 feet behind her also dead; a severely injured man trying to comfort his wife in terrible agony. Because they were all so severely injured and because of instructions and orders fmom the hospital we did not attempt to move them. We kept them covered with blankets, bandaged their wounds, applied hot water bottles and helped where we could.

Irving McNeil, Jr.

Irving McNeil, Jr.
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Gran Quivira National Monument,
Gran Quivira, New Mexico

March 25, 1951

Memorandum

To: General Superintendent

From: Superintendent, Gran Quivira

Subject: Monthly Narrative Report for March 1951

Weather. Traditional March winds dominated the weather scene most of the month. Fields under cultivation provide for a heavy dusty carry which is referred to locally as "moving real estate". Two small amounts of moisture were received, .15 of an inch on February 26 and .25 of an inch on March 10. Average maximum temperature was 55 degrees with minimum temperatures averaging 33 degrees.

Visitors. Miss Esther Quackenbush, Albuquerque, and Mr. W.W. Whitehead, Washington D.C., representatives of the American Automobile Association, on the 23rd.

Inspections. General Superintendent Davis and Regional Engineer Lassiter inspected the monument area on March 2.

Ruins Stabilization. The project of stabilizing San Buenaventura mission got underway with the arrival of Archeologist Gordon Vivian and a crew of nine men on March 21. Work was begun on the interior of the nave and is progressing satisfactorily.

Maintenance and Rehabilitation. The completion of the deep well project was postponed when sucker rods broke near the bottom of the well. Repairs are underway and this unit should be in operation in about a week.

Minor repairs were made to both monument vehicles. The 1½ ton stake was painted and a new trailer hitch welded on the pickup.

Two additional loads of gravel were spread on the mission trail and maintenance continued as usual on the entrance road.

Approach Roads. Despite heavy shifting of sand road conditions have been good. The Mountainair road has been bladed twice and the Carrizozo approach has had maintenance this month. An increased amount of travel has been using the east approach from Corona and comments indicate it an improved road.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Sam Houston National Memorial,
Sam Houston, Sam Houston

March 27, 1951

Memorandum

To: Regional Superintendent

From: Superintendent, Sam Houston

Subject: Annual Narrative Report for March 1951

Weather. Practically every month should be described as various shades gray of the month. Frequent rainfall provided for a very busy month during which it seemed to usually be raining much activity. The total amount of rainfall was very irregular, .88 of an inch on February 1, and .20 of an inch on March 12. Average monthly temperature was 62 degrees with minimum temperature averaging 22 degrees.

Visitors. Elio Sabat-Guadalupe, Albuquerque, and Dr. E.E. Hillstead, Berkeley N.C., representatives of the American Association Museums, on the 22nd.

Inspections. General Superintendent Davis and Building Engineer Lantrip inspected the monument area on March 6.

Water Rehabilitation. The project of rehabilitating the Pennsylvania Avenue well commenced with the arrival of Anderson Gordon Elmer and a crew of men who on March 21. Work had begun on the interior of the area and is progressing satisfactorily.

Maintenance and Housekeeping. The remodeling of the deep well project was completed when sudden rain came and the bottom of the well. Experts are convinced that this rain would be in sufficient to change a week.

Many repairs were made in both monument residence. The lightning rod system was painted and a new lantern-type mounted in the lighted.

The electrical lines at least were cleaned in the storage shed and maintenance completed on usual in the intensive work.

Grounds Crew. Regular daily activity of usual type conditions have been good. The greenhouse plant are now ready for and the fertilizer equipment has had maintenance this month. In increased amount of turfed has been added the west alignment from Office and grounds indicate it is improved usual.

Monthly Narrative Report - Gran Quivira - March, 1941

Travel Increase. Travel continued to increase this month by 22% over last year's visitation. 174 persons in 68 cars and motorcycles entered the area. Auto courts and hotels in the approach towns to the monument report that out of State travel is much heavier than previous years.

Interpretive Services. Twenty six guided tours were made with 119 visitors for an average of 43 minutes per trip. The self guiding trail trip was taken by 19 parties of 55 persons. 147 people went through the exhibit room and were given information.

Personnel. The Superintendent took 4 days of annual leave during the month. Nine laborers were hired by Archeologist Vivian for the ruins stabilization work and are camped on the monument.

Ray B. Ringenbach
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

GREAT SAND DUNES NATIONAL MONUMENT
Alamosa, Colorado

March 25, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Great Sand Dunes

Subject: Superintendent's Narrative Report for March, 1951

Weather Conditions

Continued drouth and wind marked March weather and restricted travel to a great extent. The entire precipitation for the month was 0.03, the monthly minimum was 3 above zero on March 3, and the maximum was 57 on March 22. Many San Luis Valley farmers will not be able to plant crops if the drouth continues and others who have wells for auxiliary water will plant only a part of the normal amount.

Special Activities

A trip was made to Monte Vista on March 22 to talk to REA officials about the prospects of an electric power line in this neighborhood. REA now plans to extend their present lines to the Zapata Ranch, our nearest neighbor, this next summer. This will put a line about seven miles from headquarters. A POP sheet is being prepared for addition to our construction program.

Decrease in Travel

Visitation continues to fall below that of last year. The decrease for March was 367 as only 356 people came to the area during the month. Windy, nasty weather had a great deal to do with the loss.

Rehabilitation

Very little was accomplished on rehabilitation this month as I was on leave for two weeks and the asphalt tile ordered from Denver has not yet arrived. A new door was constructed for the tool shed to make it weather tight and mouse-proof.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

GREAT SAND DUNES NATIONAL MONUMENT
Alamosa, Colorado

March 20, 1961

MEMORANDUM

To: General Superintendent, Southwestern Region, National Monuments

From: Superintendent, Great Sand Dunes

Subject: Superintendent's Narrative Report for March, 1961

Visitor Conditions

Seasonal crowds and wind swept dunes combined can produce interesting results. The entire precipitation for the month was 2.02. The monthly minimum was 8 above zero on March 2, and the maximum was 77 on March 30. Early the late Spring flowers will not be able to plant seeds if the strong winds and others who have wells for domestic water will plant only a part of the normal amount.

Visitor Activities

A trip was made to Santa Fe on March 27 to work in the officials about the property of the Atlantic Power Line in the Sangre de Cristos. We are going to extend this transmission line to the Sports Lodge, our central lodgeter, this year sometime. This will put a line about seven miles from headquarters. A 400' chute is being prepared for utilizing to our construction program.

Business in Travel

Visitation continues to fall below that of last year. The average for March was 327 as only 1[illegible] people came to the area during the month. Windy, early weather but a great deal to do with the loss.

Rehabilitation

Very little has accomplished on rehabilitation this month as I was on leave for two weeks and the regular site supervisor has not yet arrived. A new chute was constructed for the lodgeter to make it weather tight and snow-proof.

Great Sand Dunes Nat'l. Mon. 1

Maintenance

Eight man days were spent cleaning culverts on the entrance road and only about two more days of work will be required to finish the job. Thistles were burned along the fence at the monument entrance where they were causing sand to drift over the wires and above culverts where they might be washed by a rain to plug a culvert. Enough poles were secured to satisfactorily rebuild the fence around Mosca Spring and a broken pole in the fence at the entrance was replaced.

Interpretive Services

Two talks outside the monument were given during the month as follows.

The first was given to 23 members of the Alamosa High School Band and Orchestra Parents Club at Alamosa on February 26. The subject was "Desert Plants and Animals" illustrated with slides from Organ Pipe Cactus National Monument.

The second was given to 14 members of the Hiram Club at Superior, Arizona on March 15. The subject was "Great Sand Dunes National Monument" illustrated with slides from the area.

Research and Observation

A group of 11 bighorn sheep consisting of 9 ewes and 2 coming yearlings were seen about a mile above (east) of the monument boundary in Medano Canyon on a patrol trip on March 21. The entire group was in good condition and wintered very well.

Guide to the Turtles of Colorado was given to us for the library by the SWNM naturalists.

Approach Roads

Alamosa County continued to blade the approach road about every ten days. The spring thaws are just beginning in the San Luis Lake section but I do not believe that the road will develop the deep frost boils that it usually does in wetter years.

The monument section is in poorer shape than the remainder of the approach road. The absence of any binding material except sand makes it impossible to do much with a grader in such dry weather except redistribute the rocks.

Co-operating Agencies

Civil Air Patrol units from Alamosa and San Acacio spent

Conclusions

Eight feet logs were found floating motionless on the surface and only about ten more logs of size will be required to finish the job. Trailers were turned along the front of the boomed entrance where they were dumping sand to drift over the stone and above subsurface logs to be washed by a rain to plug a culvert. Though piles were sunken to satisfactorily restrict the flows around drain pipes and a broken pile in the front at the entrance was replaced.

Industrial Services

The below details the comment were given during the month as follows.

The first was given on 20 members of the Glenmore High School Band and Junior's Parents Club at Glenmore on February 26. The subject was Sports Films and Modular Illustrated with slides from Oregon Type Service National Museum.

The second was given to 14 members of the Silver Club at Penticton, Okanagan on March 12. The subject was Great Lost Lands National Museum' illustrated with slides from the area.

Tourists and Observations

A group of 11 bighorn sheep consisting of 9 ewes and 2 males feeding were seen about a mile above level of the Okanagan Reservoir in Okanagan Lake on a lateral trip on March 26. The entire group was in good condition and alertness very well.

While on the Trailer of Penticton we also is on the library by the Fish Naturalists.

Warnock Lake

Summer fishing continued to drain the warnock and about early ice days. The spring flows are just beginning to the low lake section but I do not believe that the road will develop the area first half that it usually does in better years.

The movement section is in greater curve than the remainder of the spawned road. The absence of log blocking adjacent areas and more it impossible to do much with a gravel in such dry weather through rehabilitate the tracks.

Recommendations

Hard dry rubbed cells from Cherry and the should lower

February 25 making tests with their portable radio equipment to determine communications possibilities between here and Alamosa. The walkie-talkie sets were effective for about 18 miles and they secured very fine transmissions with a 25 watt voice set on 2375 but have never been able to receive my transmissions on 5150.

Personnel

Jack R. Williams worked as laborer from February 27 until March 21 and took care of the monument while I was on annual leave. Jack accomplished a great many small maintenance jobs that have been piling up and his presence during my leave was very much appreciated.

My two weeks annual leave was spent visiting friends and relatives in Santa Fe and southern Arizona. I took 4 hours sick leave on February 27 for emergency dental work and 1 day on March 24 due to an attack of pleurisy.

Glen T. Bean
Superintendent

February 26 making tests with their portable radio equipment to determine communications possibilities between here and Lincoln. The mobile-table unit was effective for about 34 miles and they received very fine transmissions with a 22 watt value set on XXXX but have never been able to receive or transmitate on XXXX.

Personnel

Jack E. Williams returned as laborer from February 27 until March 21 and took care of the monument while I was on annual leave. Jack accomplished a great many small maintenance jobs that have been piling up and his presence during my leave was very much appreciated.

My two weeks annual leave was spent visiting Florida and relatives in Ohio to and another Illinois. I took a temporary leave of February 27 for emergency dental work and I lay on March 24 due to an attack of pleurisy.

Alan E. Dean
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Montezuma Castle National Monument
Camp Verde, Arizona

March 25, 1951

Memorandum

To: General Superintendent

From: Superintendent, Montezuma Castle

Subject: Monthly narrative report, March 1951

Weather: Typical for March with days sunny and cloudy, windy and still, and temperatures ranging from a minimum of 21 to a maximum of 79. The first snow for this winter season fell on March 2, covering the ground with a three inch blanket. This snow melted in less than four hours.

Travel: With generally good weather throughout the state and due to the Easter vacation week, travel has been exceptionally good. Visitors numbering 3043, arriving in 869 cars, visited the monument. This breaks down into 2243 visitors and 652 cars for the Castle, and 800 visitors and 217 cars for the Well. Total travel to the area represents an increase of 685 people over March of last year.

Interpretation: Because of the large number of people visiting the area, interpretation was given priority over all other activities. During this report period, 777 persons were guided on 125 tours through the Castle. This represents special conducted tours for several large school groups along with the regular visitors. 700 people who did not take the guided trip received interpretive talks, and 1950 people toured the Sycamore Trail. At the Well, 150 saw the museum and 800 hiked the new Loop Trail.

As my guest, Jimmy Brewer of Tuzigoot presented an interesting illustrated lecture to about 20 members of the Camp Verde Lions Club on March 21. His talk and pictures covered archeological areas in Arizona.

New editions of the Montezuma Loop Trail and of the Sycamore Trail pamphlets were received and placed in service. Both of these pamphlets are excellently prepared and reflect credit on the Region naturalist staff. It is noted that these guide booklets are rapidly becoming more and more popular and that people are beginning to actually demand them. This was strongly brought to our attention during the middle of the month when our stock of booklets was gone.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Everglades Parks Headquarters
Homestead, Florida

March 23, 1965

Memorandum

To: Chief, Division of Interpretation

From: Superintendent, Everglades Parks

Subject: Monthly activity report, March 1965

Weather. Typical for March with fair skies most locally, winds mod erate, and temperatures ranging from a minimum of 45 to a maximum of 85. The dikes now for this winter season fell to 3 inches, leaving the ground with a bigger lack moisture. This area usually by June has four inches.

Travel. With generally good weather throughout the state and due to the Easter vacation week, travel has been exceptionally good. Visitors numbered 20,000, averaging in 200 more, related to the weekends. This brings June into 1965 visitors and 181 more for the month, and 600 visitors ahead 117 more for the year. Total travel in the area remains to surpass of 800 people over March of last year.

Interpretation. Because of the large number of people visiting the area, interpretation was given priority over all other activities. During this report period, 777 persons were guided on 124 tours through the Park. This represents special scheduled tours for average large school groups also the regular visitors. 720 people who did not take the guided trip received interpretive talks, and 1800 people toured the Pinelands Trail. As the rule, far see the museum and 500 visited the new Long Trail.

As an count, Jerry Brown of Tallahassee presented an informative lecture to about 40 members of the Dade Tropical Plants Club on March 21. His talk and pictures showed exceptional tropical flowers.

The activities of the Interpretive Staff at the Pinelands Trail pamphlets were revised and printed in advance. Both of these pamphlets are beautifully presented and reflect credit on the entire interpretive staff. It is noted that these pamphlets are carefully scanned and the same people who have pamphlets are distributed to visitors by channel Three. This was already brought to our attention in view the wide of the south which the amount of handling and work.

Visitors: On March 19, John Davis and Ralph Lassiter in regards to general administration of the area.

On March 18, twenty-eight students from Placer college, California, were conducted through the Castle.

On March 20, Superintendent Houston and party from Craters of the Moon.

On March 22, twenty-eight students from Reedly college, California, camped overnight at Montezuma Well and were conducted through the Castle the following morning.

On March 23, twenty-two students from Black-Foxe Academy, California, climbed that ladders.

On March 23, Kenny Saunders and Harold Marsh in regards to location of the Castle model and for the purpose of inspecting buildings.

On March 24, thirty executives from Brown and Biglowe Advertising Co., St. Paul, Minn., were given a special talk and donducted along the Sycamore Trail. These people were guests of Charles Ward, President of the Company, who owns several ranches in the Valley.

Signs: Archeologist White spent several days at Tuzigoot using the equipment there to complete entrance signs for both Montezuma Castle and Well. It is felt that these signs conform to Service policy, and they will be installed as soon as possible.

Personnel: Ranger Carl G. Murray resigned effective February 24. Until his position is filled, Harvey N. Koller of Camp Verde is serving as W. A. E. Guide.

Archeologist White entered on annual leave as of March 14 and will return to duty March 30. He is visiting his family in Mississippi.

JOHN O. COOK

John O. Cook
Superintendent

JOHN O. COOK

Navajo National Monument
Tonalea, Arizona

March 23,1951

Memorandum

To: General Superintendent

From: Superintendent, Navajo

Subject: Monthly Narrative Report for March, 1951

Travel: The last 10 days of this report period there have been so many visitors that it has seemed more like mid-July than March. For three successive days we had two trips a day to Betatakin (ranger guided,requiring 3 hours for a round trip), one trip a day to Keet Seel (a guided party but not guided by NPS representative) and one trip to Inscription House by horseback.There were 86 visitors traveling in 22 cars.3 parties of 41 people camped overnight in the area.

One party from California, their time limited to three days, drove all night to and from Navajo in order to visit Keet Seel and Betatakin. Another party of two men drove all night, hiked to Keet Seel the morning they arrived and left the same evening to return to California.

Weather: We have had only a few days of high wind during a reputedly windy month. The high for the month was 67° and the low was 8°. A total of .2 of an inch of precipitation.

Roads: Most of the roads leading to the area are in good shape. The very rough section of road between Dinnehotso and Mexican Water, leading east toward Shiprock, has been partially repaired. The old sand trap located in Chinle Wash, that caught and held the unwary driver and even on occasion proved too much for the initiated, has been eliminated.

Publicity: The article appearing in the LOS ANGELES TIMES, February 18, concerning a trip to Keet Seel Ruin, has brought over one hundred requests for detailed information.

General: An underground cable obtained from Walnut Canyon was installed between the generators and the ranger hogan. All automotive equipment and the road grader were serviced and nuts and bolts tightened. The radiator on the jeep was repaired.

Navajo National Monument
Tonalea, Arizona

March 27, 1951

MEMORANDUM

To: General Superintendent

From: Superintendent, Navajo

Subject: Monthly Narrative Report for March, 1951

Travel: The last 10 days of this report period there have been no more visitors than 10 on several more like mid-day visitors. For three consecutive days we had two trips a day to Betatakin. Oregon public,reporting 3 buses for a round trip, one trip a day to Rainbow Bridge. A bus in United Party not visited by Mr. Hyrenbrand, and was met by Interpretive Ranger by turnaround. Total 28 visitors travelled in 28 cars.2 parties of 10 people engaged trail-ride in the area.

The party from California, their visa limited to three days, drove all night to and from Navajo in order to visit last and Betatakin. Another party of two men drove all night from Lake and the morning they arrived and left the same evening to return to California.

Rainbow to have had only a few days of mid-week trips a regularly weekly month. The daily for the month was 27 and the low was 10 a total of 42 of an hour of precipitation.

Roads: Most of the roads leading to the area are in good shape. The very rough one is of vital interest, Oljatoyne and Indian River. Leading east towards Oljatoyne, the road particularly impassable. The all road from Inscale to Kitsie Wash, that sought and fall the county river and even an occasion proved the road for the Initiated, has been eliminated.

Facilities: The airline approaches to the 100 acres [illegible] already 10, concerning a fall, in last last fall, has brought over the budgeted expense the detailed information.

Personnel: Mr. Hyrenbrand well is working the [illegible] has installed Indian Bureau the monthly and the Public Works. All automotive equipment and the four [illegible] employees are fully and fully signed. The relation is the [illegible].

UNITED STATES

DEPARTMENT OF THE INTERIOR

A forge and scarifier were obtained from Nupatki. The water pump required repairs, as usual.

A truck load of 30 juniper posts were cut, peeled and hauled to the Monument for use in marking the trails to Keet Seel and Inscription House Ruins. More steel reinforcing has been laid preparatory to pouring the concrete floor in the new garage. One trip to Flagstaff, the last rip having been made three months ago. Woodwork in the new bedroom was sanded. Two loads of manure was hauled for use in landscaping the area around the residence. 21 cards were added to the fact file.

Local Items: Our good friend and Neighbor, Max Littlesalt, was elected Judge of the Navajo District Court. The events leading up to the Tribal Council election, March 5th, had all the spice and flavor of one of our own hotly contested elections.

Two trips were made to the Tuba City hospital with local Indians urgently needing medical attention. One case was that of a mother and six weeks old son, both quite ill with diphtheria. The other was a mother and two day old baby, the mother unable to walk after the child's birth.

A daughter was born to Bob Black and wife on March 23. Bob is our very capable Navajo Indian laborer.

Reportworthy Visitors: Mr. Harry Goulding of Goulding's Trading Post in famed Monument Valley.

Dr. and Mrs. Horst Meuller of Heidleberg, Germany. Dr. Meuller is an eye specialist and came to the U.S.A. to further his training.

John A. Aubuchon
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

ORGAN PIPE CACTUS NATIONAL MONUMENT
P. O. Box 38, Ajo, Arizona

March 25, 1951

Memorandum

To: General Superintendent

From: Superintendent, Organ Pipe Cactus

Subject: Monthly Narrative Report 1ml for March 1951

Weather

Several days of high wind killed any chances of a spring flower display and dried up the .03 inch of rain that fell on March 2. March was generally cooler than February with a low of 27 on March 4 and a high of 89 on March 14.

Special Activities

Archaeologist Al Schroeder and Don Jewell, from Lake Mead, spent March 10 & 11 in the area with the Superintendent and Ranger Leding on a preliminary survey of sites. Material from Folsom type to Modern Papago were found in sites and we have high hopes for a complete study in the near future.

The approximate limits were located for the aerial survey but actual shooting has been delayed because of mechanical trouble with the aircraft of the Tucson firm.

Inspections

General Superintendent John Davis and Engineer Lassiter spent March 24 in the area on a general inspection.

Maintenance

General road maintenance continued most of the month and several days were spent on clean-up on the thru highway.

The front- end loader was checked and serviced for temporary loan to Saguaro National Monument.

Visitors and Special Groups

14& 15 Ranger & Mrs. F. W. Benson and daughter and Seasonal Ranger Pop Frost of Saguaro National Monument.

10 & 11 Archaeologist Al Schroeder and Don Jewell of Lake Mead National Recreational Area.

18 - 19 37 members of the Los Angeles Chapter of the Sierra Club were in on Nature Studies.

20 & 21 A Los Angeles State College group of 65 in on Nature Studies.

Travel

A slight decrease in through travel was probably due to the high winds and the short report period. Visitor use in the area held steady with 1,101 campers for the month. Average camp use of over 100 a day for the 18, 19, & 20th caused minor verbal complaints about facilities. Groups of up to 15 women could be seen lined up, waiting their turn, to use the one hole pit toilet provided for the campers. Others who couldn't wait took to the brush.

Equipment

Purchase orders have been received on the F.M. Radio equipment and a new pick-up for the area. Odd shipments are begining to come in on the radio equipment.

Personnel

All personnel is again on duty after surviving the Flu bugs.

William R. Supernaugh
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Saguaro National Monument
Tucson, Arizona

March 25, 1951

Memorandum

To: General Superintendent

From: Superintendent, Saguaro

Subject: Monthly Report, March 1951

General

March produced very cool and dry weather for Southern Arizona. Mean temperatures were generally below normal for the month and an all time low of 30° was recorded on March 18, in Tucson.

An inspection trip to the forested area showed that the snow-pack is quite well below that of other years. The South and West facing slopes are completely devoid of snow while on the North and East slopes only scattered patches remain. Unless we get several soaking spring rains, we must look forward to one of the most hazardous fire seasons in the history of the area.

Near the end of the month water from melting snows has at last reached Madrona Ranger Station and we expect to be able to pump water into the storage tanks.

Travel held strong throughout March with exceptionally heavy visitation during Easter Week. Most visitors are wondering when the cacti will come into bloom.

The new Cactus Forest Trail Leaflet published by Southwestern Monuments Association is extremely popular. About 99% of visitors purchase leaflets and only 9 out of the first 400 were lost.

The Spanish Trail Approach Road is almost completely graded and should be ready for the surface coat within thirty days.

Special Activities

General Superintendent Davis and Regional Engineer Lassiter made two trips to Saguaro on the 2 and 23 of March. Their first visit was cut short when word was received that Mr. Hendricks had passed away.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Yellowstone National Monument
Yellowstone, Idaho

June 15, 1951

Memorandum

To: General Superintendent

From: Superintendent, Yellowstone

Subject: Monthly Report, June 1951

General

Much pleasant very cool and dry weather for Yellowstone citizens. Some temperatures were personally felt around the mouth and as all time low of 30° was recorded on March 12, in Yellowstone.

In inspecting trail to the Fireplace area beyond Grey the snow-pack is quite well below that of other years. The trail and part trailed alpine are completely devoid of snow while on the Grey and Dry alpine only scattered patches remain. Taken as per several probable spring rains, we must look forward to one of the most hazardous fire seasons in the history of the area.

Now the end of the month water from melting snows has at last revealed Yellowstone Ranger Station and we expect to be able to keep water into the storage tanks.

Travel has strong throughout month with exceptionally heavy visitation during latter part. Our visitors are wondering when the west will come into bloom.

The new Cutoff Forest Trail leaflet published by Yellowstone Museum Association is extremely popular. About 90% of Yellowstone private leaflet and only 9 out of the first 500 were lost.

The Fountain Trail Approach Road is almost completely graded and should be ready for the surface coat within thirty days.

Special Activities

General Superintendent Davis and Regional Engineer Jarrett made two trips to Dupuyer on the 8 and 22 of June. Their first visit was not entirely when word was received that Mr. Jacobson had passed away.

- Yellowstone National Monument -

Status of Private Lands

Negotiations are still underway with the State of Arizona to obtain state lands within the monument boundaries. The Arizona Land Office found that the list of lands submitted for exchange by the Bureau of Land Management does not fit in to the state's acquisition program. State officials are now working on a list of lands which would be more suitable to their needs.

Maintenance

Trail Laborer Arthur Garcia has completely repaired the trail from Spud Rock Cabin as far as the pasture gate on the trail toward Manning Camp.

Laborer-leadman Stansberry has been working on the Cactus Looproad supplying ballast to rough sections. An end-loader was borrowed from Organ Pipe Cactus which greatly speeds up this work. The ballast material is being applied to the road to make ready for addition of a dust palliative later in the year.

About twenty loads of ballast were applied to the corrals at Madrona Ranger Station to replace eroded materials.

Approaches to Park Area

Grading and installing of three culverts on the Spanish Trail Approach Road have been completed and we expect that oiling of the road should commence within a short time.

Cooperating Government Agencies

We have received word that the Division of Forest Pathology has been requested to continue their studies of the mortality rate in the Giant Cactus for another ten years. If an agreement is reached, certain immediate steps must be taken to preserve the identity of the check plants.

Donations

We received an excellent collection of rocks and minerals of this area from the Tucson Gem and Mineral Society. Special pains on this project were undertaken by Mrs. Serrano, the society president, and Mr. Foster, who did most in assembling the collection. These specimens will be exhibited at Monument Headquarters.

Status of Private Lands

Negotiations are still continuing with the State of Arizona to obtain state lands within the monument boundaries. The Arizona Land Office feels that the list of lands submitted for exchange by the Bureau of Land Management does not fit in to the state's acquisition program. State officials are now working on a list of lands which would be more suitable to their needs.

Maintenance

Trail labor crews during April has completely repaired the trail from Coal Bank Point as far as the nature pole on the trail toward Moenkopi Camp.

Lower-Ledges Waterbury has been working on the lower Ledges supplying ballast to rough sections. An ore-loader was borrowed from Cedar City the latter part of April which made this work. The ballast material is being applied to the road to make ready for addition of a dust palliative later in the year.

About twenty loads of ballast were applied to the corrals at Navajo Bridge during the replace crushed materials.

Approaches to Park Area

Grading and installation of three culverts on the Grand Trail improved road have been completed and we expect that gilling of the road should commence within a short time.

Conservation Government Agencies

We have learned very that the division of Forest Pathology has been resumed in Southern Arizona after a period of six months work in the Glass Creek for another two years. If an epidemic is spotted, serious immediate steps must be taken to preserve the identity of the Grand Canyon.

Inventory

We received an excellent collection of trees and minerals of this area from the Grand Canyon Natural History. Special praise of this project were expressed by Mr. Ferrone, the county ranger, and Mr. Fisher, who did much in assembling the collection. These specimens will be exhibited at Museum headquarters.

Interpretive Services

A total of 2,995 persons in 936 parties were given interpretive service at headquarters. This amounted to a total of 216 hours for an average of 14 minutes per party.

Research and Observation

March 8, First buds appear on Hedgehog Cactus.
" 19, Three Arizona Whitetail Deer in forested area.
" 23, Four rock squirrels drowned in the horse trough at Madrona Ranger Station attempting to obtain water. This indicates that drought conditions are already in force.

Various groups of javelinas have been observed by visitors during March.

Increase in Travel

A total of 5253 persons visited Saguaro National Monument in March. This represents a decrease of 647 visitors over last month and an increase of 454 visitors as compared to the corresponding month one year ago.

Visitors

Feb. 28, Mr. Homer Boyd, Chairman, Pima County Board of Supervisors.
Mar. 2, Messrs. Davis and Lassiter, Santa Fe, New Mexico.
" 4, Messrs. Maurice Terrill and Dan Fowler, Look Magazine, Hollywood, Calif.
" 13, Glen and Lois Bean, Great Sand Dunes National Mon.
" 15, Mr. and Mrs. W.P. Hillman, Budget Officer, Region One Office, U.S.F.S., Missoula, Montana.
Mr. and Mrs. E.H. Myrick, Supervisor, Lolo National Forest, Montana.
" 19, Mr. Karl E. Pheiffer, Dept. of Forests and Parks, Annapolis, Maryland.
" 23, Messrs. Davis and Lassiter, Santa Fe, New Mexico.
Mr. Al Yokkelson, Arizona State Land Office, Phoenix.

Ranger Service

Rangers Benson and Bryce got the telephone line to the forested area in working condition once more. This entailed the removal of many snags which had fallen on the line.

Ranger Benson made a trip to Organ Pipe Cactus to bring back an end-loader for use at Saguaro.

Instructor Training

A total of 2,[illegible] persons in [illegible] service were given instructor training in September. This increased by a total of [illegible] hours for an average of [illegible] minutes per person.

Research and Statistics

Nurse 2, first aid support on emergency duties.
" 19, Nurse intense difficult hour in forested area.
" 20, Four crash aircraft crashed in the area through at extreme danger during attempting to obtain water. This indicates that forests installing air already in force.

Various groups of journalists have been observed by visitors during month.

Increase in Travel

A total of [illegible] persons visited Museum during the month. This represents a decrease of [illegible] visitors over last month and an increase of [illegible] visitors as compared to the corresponding month the year ago.

Visitors

Feb. 28, Dr. Omer Hyd, Chairman, Lion County Board of Supervisors.
Mar. 2, Mesdames, Orvis and Langford, Ruth Pr, Sue Dalton.
" 4, Messrs. Martin Terrill and Don Tuler, Lion Regular, Milfrood, Calif.
" 16, Miss and Lois Moon, Great Good Sense Natural Fun.
" 17, Dr. and Mrs. G.C. Gilliam, Indian Agent, Indian Service, U.S.D.A., Klamath, Montana.
Dr. and Mrs. L.L. Spring, Superior, Lion Natural Forest, Montana.
" 19, Mr. Jack E. Thelfer, Jack, of Europe and Asia, Bangalis, Bangkok.
" 20, Messrs. Orvis and Langford, Ruth Pr, Sue Dalton. Dr. E. Tobiason, Nature Lion Center, Tomato.

Ranger Service

Rangers Tomas and Myers and the Telephone line be for Forested area in warning conditions have been. This enabled the rangers to map areas which had fallen in the line.

Ranger Bowman made a trip to Bogus pipe lodges to bring back an and-lander for use in Museum.

Police Protection

. A local "Rod and Gun" columnist beckoned javelina hunters to try the south slopes of the Rincon Mountains in an article in the "Arizona Daily Star". We are not sure what will be the outcome of this article, but as of this writing no infractions have been discovered. Apparently most hunters in this area have become acquainted with the monument boundaries. Boundary patrol by rangers have been maintained throughout the month.

Forest Fire Control

Preparations are being made for the coming fire season. The telephone line into the forested area was restored to operating condition, radios were repaired and new batteries installed, and the annual inspection and repair of fire tools was commenced.

Personnel

Trail laborers Ralph Brito and Arthur Garcia entered on duty on March 1, 1951. Laborer Brito resigned as of March 9, 1951.

Samuel A. King
Superintendent

Police Involvement

A Table "Six-Gun" Volunteer Enclosed Jurisdiction Patrols to
ify the media claims of the Street Monopolist in an article in the
"Atlanta Daily Star". In one sad case which will be the subject of
this article, but so far data making no information have been dis-
covered. Apparently last Saturday in this area have been
associated with the movement Conductors. Tuesday period by reports
have been unlawful strangling the media.

Future Film Demand

Preparations are being made for the coming film season. The
releases line into the Tuesday area are required to operation
conditions, rules have required and see betterties limited, and the
social importance and benefit of film trade not demanded.

Conclusion

Trail journeys begin with the Street Cards between on July 22
Sept. 3, 1941. Leaves will return on or about 9, 1941.

Samuel A. Fry
Representative

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Tonto National Monument
Roosevelt, Arizona

March 29, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Tonto

Subject: Narrative Report, lml, Tonto, March 1951

Weather. Cold early in the month, with a 1 inch rain and snow March 2. Warm week during Easter vacation, cold and .8 inch rain March 26.

Roads. Good most of the month. Apache Trail was rough due to the usual breakdown of the State Highway grader, and to heavy travel. The Monument entrance road is in good condition, as Sanders bladed it earlier this month.

Visitors. Mr. Ted Sayles, Curator of the Museum of Arizona, Tucson.
Dr. Ernst Antevs, of the Carnegie Foundation, Paleozoic Geologist, of Globe, Arizona.
Stan Davis, Lollesgard Specialty Company, Tucson.
Evelyn Sharp & Mrs. C. C. Sharp, Compton, California, and Cristobel Brandt, Zion, Illinois.
Mr. & Mrs. Fred Young, LaTuna, Texas.
Sierra Club of California, about 6 cars, on March 24.

Travel. 2402 visitors in 703 cars. 85 less persons than March 1950.

Nature Trail. After many delays, the leaflets were finally received from the trucking company, and the trail will be operating very soon.

Building Fire. The trailer house quarters near the Museum, occupied by Archaeologist Pierson and family, were compltely destroyed by a fire which started at 4:15 March 5, in the afternoon. The house was too hot to enter in about 10 minutes after it started to burn, and was burned to the ground in about 45 minutes. It was finally dedided that the failure of the l.p. gas regulator permitted gas to escape under pressure, which gas was ignited by the pilot light from a hot water heater. No one was injured, but considerable property was lost. Any area having this type of war surplus expandable trailers is hereby warned that they are bad fire traps, and extreme precautions are urged.

Inspections. General Superintendent Davis spent most of March 26 here going over various administrative questions. We regret that Regional Engineer Lassiter had to miss Tonto this time.

Wildlife, and Flora. First Gila Monster of the season was observed by Pierson on March 26. The warm weather of Easter week apparently encouraged the Gila Monster and a lot of wild flowers to come out. Now blooming are Lupines, California Poppies, Spiderwort, Desert Hyacinth, Indian Paintbrush (castilleja integra), Alfilaria, Eriogonum, and others. the brittlebush and hedgehog cactus are about ready to bloom here, and the ocotillo. It was too dry a winter for the large hillside displays, but there will be a good many scattered flowers.

General. Three days were required to restore utilities and clean up after the fire, including obliteration of the building site. Mrs. Frazier of Roosevelt kindly offered the use of one of her houses which was temporarily vacant, and Piersons have been living there this month. The neighbors have been very helpful in this emergency.

Visitors have kept us busy, but some time has been found to improve signs and carry on maintenance. One road sign which seemed to be superfluous, has been taken down.

Charles C. Sharp
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Tumacacori National Monument
Tumacacori, Arizona

March 26, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Tumacacori

Subject: Superintendent's Monthly Narrative Report for March, 1951

Weather: Temperature ranged from a maximum of 81 on the 13th to a minimum of 19 on the 4th - both a lower high and a lower low than ~~than~~ we had in February. Precipitation was .09", compared with the average of .40" for the last 13 years.

Visitor Travel: A total of 5,488 visitors set a new March record for Tumacacori, over 26% higher than the previous March high of 3,507 in 1950. The past 12 months has brought over 34,000 visitors to Tumacacori, which is distinctly a record year.

Interpretive Service: 1,908 persons went on 284 guided trips through the mission church and grounds, receiving an average of 38.1 minutes per trip. 5,307 persons received combined Information and Interpretation service, and 5,268 saw the museum and patio garden.

The average time spent per trip, 38.1 minutes, is in part an indication of the tone of visitor interest. This time is quite high, and compares with an average trip time of 35.45 minutes during the past 64 months.

Museum and Education: On March 1 the mimeographed trial run of the "Patio Garden Guide" nature trail leaflet was set in operation for users of the mission type patio garden here. So far the most conspicuous result of the use of the leaflet has been the fantastic rate at which visitors carry ~~xxxx~~ the leaflets away with them when they leave the monument. A good many people have been seen using them in the garden, and apparently enjoying them. Many favorable comments have been received, but there are also a lot of people who just grab a leaflet and fold it, unread, and stick it in a pocket to carry away as something else that is free. That is to be expected, however, for an area that receives so many very casual "dropins".

Little free time has been available for continuing work on bringing library card files up to date, or for fact file work, but from time to time a little is accomplished.

Visitors: ~~xxxxxxx~~ February 28 - Tad Nichols, well known to most Arizonans for his outstanding photography, was in taking pictures.
March 3 - A group of 37 from the Brandeis School, Tucson.

March 4 - William W. Drewry, Jr., President of Drewry Photocolor Corporation, Glendale, California.

March 12 - Ranger and Mrs. Sydney Jameson and daughter, of Casa Grande National Monument.

March 15 - Dr. H. D. Harrington, Colorado A. & M. College.

March 21 - Tom Lockhart, Field Supervisor, Water Resources Development Corporation.

Inspections: Assistant Regional Director Cornell, General Superintendent John Davis of Southwestern National Monuments, Regional Engineer Lassiter, were in for monument inspection on March 22, and for a conference with representatives of the Arizona State Highway Department and the Bureau of Public Roads with regard to location of the widened right-of-way for Highway 89 where it passes the monument.

Personnel: Maintenance laborer Ramon S. Orozco was terminated here on February 28, C.O.B. The following day Ollie Barney Jr. entered on duty, through intra-agency transfer from Saguaro National Monument, as maintenance-man here. His services to date have been quite satisfactory.

Maintenance: Routine maintenance work has been kept current, including a great deal of watering of plants. A stockpile of fine quality cement sand was hauled. Ranger and Mrs. Henson spent their version of a day off period in painting the bedroom of Residence No. 2. Charles La Plante was hired for two days to work with Maintenanceman Barney in pulling our pump, replacing the leathers, getting 30' of drop pipe welded where rust holes had eaten through it, and putting the system back together. All steps in the museum building were given a new coat of aluminum paint, as a public safety factor. Barney has been doing a lot of work in the museum with the extremely tedious carpentry necessary to permanently stop light leaks and condition the interior for a new paint job, which is to be done soon. The superintendent has done quite a bit of necessary "puttering" in the patio garden, including instruction to the new maintenanceman, considerable pruning, and fussing over the plants to get them to present as handsome a front as possible for the visitors. Four additional shrubs (Myrtus compacta), some Columbines, several Jojobas, and a bed of Dwarf Alyssum, were planted in the Patio garden. Dwarf Alyssum was planted (from cold frame) to form a border on either side of the entrance to the museum building.

General: We are all so busy here that by contrast a one-armed paper hanger with the hives would look like a study in slow motion. We are well aware that the almost fantastic increase in visitor attendance of the last two months is not due entirely to increased public appreciation of the merits of the area. Much of the increase has been caused by the additional highway signs which were put up on February 1. However, while March of this year brought about 26% higher total attendance than for the same month a year ago, the percentage of visitors going on guided trips through the church and grounds increased by over 28%. So our visitor increase is by no means limited to "casuals". High tone of visitor interest is shown, not only by time spent on guided trips, but by number attending them.

Recently, in talking with Tom Lockhart, field supervisor in this area for Dr. Irving Krick's "Water Resources Development Corporation", which is only one aspect of Dr. Krick's activities, we rounded out our picture of what the corporation is doing in Arizona. The rain-making work of this firm is represented in Arizona by only the Southeastern corner of the state, an area bounded on the west by an imaginary line running north from Sasabe to Randolph (SE of Coolidge) thence eastward on a line through Safford to the New Mexico border.

Foundry coke, soaked in silver iodide, is fed into a small hopper and in turn into a small electrical furnace lined with fire brick. An auto storage battery provides the current. The silver iodide, heated, vaporizes, rises above the furnace, promptly crystallizes, then is carried upward to the clouds solely by normal convection currents. The particles then provide extra nuclei around which water vapor can condense until it becomes heavy enough to precipitate.

The generators are portable, and are set out at various strategic places, and operated by non-technical people, who start the furnaces going on telephonic instructions from field headquarters. The generators are not used in any attempt to "make clouds rain." They are used, according to Lockhart, only when the clouds are going to rain anyhow. In other words, the use of the generators is intended only to cause more rain to fall than would fall normally.

Various ranchers and civic groups pay the company a stipulated minimum, with a bonus for rainfall which is above normal. Operations in Arizona commenced on January 1, and are to continue at least through this calendar year.

Well, I hope rain-making efforts meet with more success than they seem to have so far in this district. We are still suffering from a terrible drowth. Me, I'm on the fence, as to whether silver iodide or Hopi prayers are the more efficacious.

Earl Jackson
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

TUZIGOOT NATIONAL MONUMENT
CLARKDALE, ARIZONA

March 25, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Tuzigoot

Subject: Report lml, March 1951

There follows a narrative report of activities in this area.

GENERAL

Excellent weather prevailed throughout the month and March, as usual, marked the beginning of the popular visitor season, highlighted by an earlier than usual Easter vacation and an upsurge in travel toward the last of the month with Californians dominating out-of-state entries. There was a slight decrease in number of visitors over the corresponding month in 1950 but our total for the year continues to run ahead of last year.

VISITORS

1224 visitors in 401 cars. This compares with 1338 visitors for March 1950. 1157 visitors in 382 parties were contacted and oriented in the museum. 1169 visitors in 388 parties made the trip through the ruins.

N.P.S. VISITORS

Archeologist Art White, Montezuma Well, on March 8 and 9, using our shop to rout signs for his area.

General Superintendent John M. Davis and Regional Engineer Ralph Lassiter on March 19, who spent half a day reviewing on the ground and making minor revisions in our trail plans, as also inspecting constructions projects.

Mr. and Mrs. Sam Houston, Craters of the Moon National Monument, on March 20.

Architects Saunders and Marsh paid us an unscheduled visit on March 22.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

YELLOWSTONE NATIONAL MONUMENT
GARDINER, MONTANA

March 31, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Yellowstone

Subject: Report for March 1951

There follows a narrative report of activities for this area.

GENERAL

Unusual weather prevailed throughout the month and there, as usual, marked the beginning of the popular visitor season, highlighted by an earlier than usual Easter vacation and an average to heavy toward the end of the month with difficulties developing out-of-state motorists. There was a slight decrease in number of visitors over the corresponding month in 1950 but our total for the year continues to run ahead of last year.

VISITORS

1924 visitors in 631 cars. This compares with 1932 visitors for March 1950. 1147 visitors in 290 private cars operated and otherwise in the museum. 1149 visitors in 324 private cars the trip through the park.

S.C.S. VISITORS

Archeologists Art Stein, Jackson Hall, on March 2 and 3, using our shop to read slides for his area.

General Superintendent John S. Boyd and Regional Engineer Ralph Sanders on March 12, who spent half a day reviewing on the ground and making minor revisions in our trail plans, as also inspecting construction projects.

Mr. and Mrs. Ben Thorne, Members of the Jackson National Monument, on March 20.

Architects Bennett and Marsh paid us an unofficial visit on March 27.

OTHER FEDERAL AGENCY VISITORS

Dr. Gardiner, Messers Griswold, Carrol and Christenson of the Soil Conservation Service Regional Office, Albuquerque, New Mexico, on March 7.

REPORTWORTHY VISITORS

Mr. and Mrs. G. E. Dodge of Phelps Dodge Mining Corporation, Main Office, New York, with Mr. W. W. Little, General Manager of Phelps Dodge, Jerome District, on March 12. Mr. Little has lived in Jerome the past three years and this marked his first visit to Tuzigoot.

Mr. Horace Griffin, newspaperman, accompanied by Mr. R. K. Duffey, Chief Clerk, Phelps Dodge, Clarkdale, on March 13.

ORGANIZED GROUPS

On March 23 an Easter vacation tour of 20 boys from the Black-Foxe Military Institute, Los Angeles, accompanied by their supervisors - Captain Marmaduke and Captain Kropps. Included in the group, ranging from 9 to 15 years of age, was the son of Joe Dimaggio of baseball fame.

IMPROVEMENTS

The county bladed the approach road on February 26.

A new entrance sign was installed on February 28.

Boxed archeological material was moved to dead storage space in the loft above the women's rest room.

Plumbing in the office sink was improved, the drainboard repaired, sanded and given two coats of drainboard enamel.

VISUAL AIDS

During the month we received from the Naturalist Division a set of 46 projection slides covering areas in Region Three which will form the basis of a slide library for the monument.

SPECIAL TALKS

Using the above-mentioned slides, the Superintendent entertained the Camp Verde Lions Club, 25 strong, on the night of March 21.

COOPERATION WITH CIVIC GROUP

A sign bearing the caption "Boy Scout Grand Canyon Council Headquarters" was routed, painted and installed in Clarkdale for the benefit of the local organization.

[illegible] FUNERAL AMONG FIRSTSER

Mr. Herbert, Deserve Belmont, Cowrel and Chairmanes of the Soil Conservation Service Regional Office, Albuquerque, New Mexico, on March 7.

INTERESTING VISITORS

Mr. and Mrs. C. E. Hodge of Twelve Hodge Mining Corporation, Main Office, New York, with Mr. W. C. Little, General Manager of Twelve Hodge, Jerome Diablo, on March 12. Mr. Little has lived in Jerome the past three years and this marked his first visit to Tucson.

Mr. Jerome Griffin, newspaperman, accompanied by Mr. J. C. Bailey, Chief Clerk, Twelve Hodge, Clarkdale, on March 12.

CHAMPIONS GUEST

On March 23 an Easter vacation tour of 20 boys from the Blackfoxe Military Institute, Los Angeles, accompanied by their supervisors - Captain Kirkpatrick and Captain Kropp. Included in the group, ranging from 9 to 18 years of age, was the son of Los Angeles or Beverly Hills.

IMPROVEMENTS

The county blacked the approach road on February 1.

A new entrance sign was installed on February 24.

Road crushed-gravel material was moved to dump storage area in the left above the cemetery road.

Flooding in the office also was improved, the drainpipe repaired, welded and given two coats of drainpipe cement.

FLYING TIME

During the month we received from the Naval Flight Station a set of 40 projection slides covering areas in Baylor Tract which will form the basis of a slide library for the museum.

MUSEUM TALKS

Using the slides-mentioned slides, the Superintendent entertained the Boy Scouts Junior Club, 32 strong, on the night of March 11.

COMMUNICATION WITH LOCAL GROUPS

A sign bearing the caption "Tay Local Great Junior Museum headquarters" was painted, printed and installed in Clarkdale for the benefit of the local organizations.

RESEARCH AND OBSERVATION

Mr. Richert, in company with Mr. Milton Wetherill, cooperating with the Museum of Northern Arizona, spent most of his lieu days during the month in preliminary archeological surface survey of a number of sites on Coffee Creek and the Verde River. Interesting Hohokam sites are showing up along the Verde which have not previously been reported on the former Gila Pueblo or present MNA surveys. Although presence of the Hohokam in the Verde has been known for some time, greater density and wider boundaries are now indicated. It is significant to note that scored red-on-buff sherds of either Gila Butte or Snaketown Phases of the Pioneer Period, red-on-grey of the same period, and early northern intrusives are present.

Along Coffee Creek, which is part of the Oak Creek-Verde drainage, basin-shaped metates with corresponding "rocker" type manos, percussion flaked choppers and planers, snub-nose and thumb-nail scrapers, some of which show patination, are eroding out of what might be an old land surface. Fire hearths are present and pottery is absent, implying a food-gathering or hunting complex. Typologically, the material is a "dead ringer" for Chiricahua Stage of the Cochise Culture and equates with the Dry Creek Site. Unfortunately, little is known as to the culture of the early Yavapai, but if the above is not Yavapai, then it is tempting to suggest the existence of a Paleo-Indian migration route along the Verde dating before the Christian era. This conclusion must rest, of course, with the geologist or climatologists who are best equipped to analyze the factors surrounding the clayey soils and gulleys bearing these artifacts, since it is a problem of alluvial chronology.

J. W. Brewer Jr.

J. W. Brewer, Jr.,
Superintendent.

[illegible] AND CONCLUSIONS

Mr. Hickey, in keeping with Dr. Milton Kotkovitz, superviding with the Bureau of Archeology Indians, spent most of his time during the month in preliminary archeological surface survey of a number of sites on Dutch Creek and the Tonto River. Interesting Indian sites are showing up along the Tonto which have not previously been reported on the Forest nile Indian or present Hill survey. Although presence of the Hohokam in the Verde has been known for some time, previously had white boundaries are now included. It is significant to note that sequed red-on-buff sherds of either Gila Butte or Santa Cruz of the Pioneer Period, red-on-gray of the Sacaton period, and early sacaton indications are present.

Along Cedar Creek, which is part of the Dutch-Tonto Drainage, basin-shaped metates with corresponding "rocker" type manos, percussion flaked choppers and planes, and stone and bone-tool inventory, some of which show patination, are evident and of what might be an old land surface. Fire hearths are present and pottery is absent, implying a food-gathering or hunting complex. Typologically, the material is a "dead ringer" for Cottonwood Phase of the Sonsela Culture and equates with the Cryptocrest Site. Unfortunately, little is known in the nature of the early Tonto, but if the above is not Tonto, then it is tempting to suggest the existence of a Salt-Indian migration route along the Tonto during Verde the Sacaton era. This assumption may, of course, with the geologist or climatologists who are best equipped to analyze the factors surrounding the clayey soils and rolling boring these statistics, since it is a problem of alluvial chronology.

D. T. Hickey, Jr.,
Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Walnut Canyon National Monument
Flagstaff, Arizona

March 25, 1951

Memorandum

To: General Superintendent

From: Superintendent, Walnut Canyon

Subject: Monthly Report, March, 1951

Visitors this month 1026; travel year to date 6223.

General March came in like a lion with about sixteen inches of snow - the heaviest storm of the year. Stormy days reduced travel. There were nine days with less than ten visitors and of these, three days when there were no visitors. Considerable snow shoveling was required to keep the trails open.

Personal On March 13 Ranger Wilde reported for four days active duty in the Air Force. During this time he was processed preparatory to entering on extended active duty on March 29. Since returning from his four days active duty, Captain Wilde has been on annual leave for a visit with his parents in Utah.

Use of Monument Facilities by the Public There were 1026 visitors who came in 349 cars. Of these 877 visitors were contacted in 290 groups. Museum visitors totaled 958 in 316 parties. There were 7 picnic parties totaling 49 people. One enthusiastic group of visitors without overshoes walked around the "Island" in 16 inches of snow and said they had a wonderful time.

Maintenance and Improvements Two ash trays were made from building tile for the museum.

Trucks hauling high loads broke our telephone line twice where it crosses Highway 89. We have learned that the line is lower than the 18 feet required for a highway crossing and have made plans for raising it.

Moulding was installed on two window screens and the frames of five screens were painted.

Equipment Two surplus field telephones were received from the Forest Service in Santa Barbara, California. Enough wire has been received

from another monument so that we can place one of the phones across Walnut Canyon for use in fire control.

A siren was removed from our pick-up and transferred to Organ Pipe Cactus.

A telescope was transferred to Tonto.

Installation of our furnaces was completed on March 16 and a Project Completion Report was submitted.

Interpretation Our project to mount herbarium specimens was completed with 43 specimens mounted and folders prepared for them. Eighty-six Ethnobotany Fire Cards were prepared and the same number of common name cards. This project has been suspended pending the receipt of more cards.

National Park Service Visitors

March 3 Supt. and Mrs. Bright from Canyon de Chelly
March 10 Ranger Bob Walker from Wupatki
March 12 Supt. Bowen and family from Wupatki
March 13 Supt. and Mrs. Aubuchon from Navajo
March 15 Kenneth Saunders and Harold Marsh from the Regional Office and Edwin C. Kenner from the Washington Office
March 16 John Davis and Ralph Lassiter from the Regional Office
March 16 Ranger Ray Schaffner and family from Petrified Forest
March 17 Ranger Bob Viklund from Tonto

Newsworthy Visitors

March 20 Prof. Deaver and his botany class from Arizona State College, Flagstaff
March 23 Harold T. Tysk from the Bureau of L and Management

Homer F. Hastings
Superintendent

Ione another warehouse in that we his place was of the phone number Walter Barnes for use in this period.

A phone was removed from our platoon and transferred to Bogue Pipe Depot.

A telephone was transferred to Tonga.

Installation of new furnaces was completed on March 13 and a Project Completion Report was submitted.

Maintenance: The project to repair barracks quonsets was completed with 40 quonsets painted and indoors prepared for them. Eighty-six Quonsets Plus Bldg. were prepared and the work crews of Company Base units. This project has been completed pending the receipt of more cards.

Material Base Service Platoon

March 3 Capt. and Mrs. Dalgre from Tongue to the Ship
March 12 Ensign Joy Walker from Norfolk
March 13 Capt. Henry and family from Tongue
April 2 Capt. and Mrs. Hopkins from Norfolk
March 23 Chief Barnes Brooks and Harold Blunt from the Regional Office and Elmer G. Bauer from the Regional Office
March 23 Lile Davis and Ralph Lassiter from the Regional Office
March 24 Colonel Ray Robertson and family from Portsmouth, Ohio
March 27 Colonel Joe Fillmore from Tonga.

Secretary Platoon

March 20 Mrs. Barnes and his brother-in-law from Atlanta, Georgia Village, Tingwhity
March 27 Harold G. Ryan from the Department of Land Management

Robert E. Hollman
Secretary-Treasurer

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

White Sands

Box 231, Alamogordo, New Mexico

March 24, 1951

Memorandum

To: General Superintendent

From: Superintendent

Subject: Superintendent's Monthly Narrative, Report No. 141

MARCH TRAVEL, 1951	TRAVEL YEAR TO DATE
Visitors, 9,670 Cars, 2,508	Visitors, 54,481 Cars, 14,0[illegible]

GENERAL

For the second consecutive month we show a slight decrease in visitors. The weather, on the whole, has been very good. So good, in fact, that I think if we had a means to allow for early and late visitors we would pass even last year's mark. Little wind for this time of the year has made the entire month very pleasant. The high temperature for March was 80° on the 3-8-51 and the low was 21° on the 2-22-51. Ranger Chittum made one trip to El Paso for supplies and materials.

INSPECTIONS

In company with General Superintendent Davis and Regional Engineer Lassiter, a trip was made to Dog Canyon to inspect the area as well as check on the flow of water. It was found to be quite low, but even the low ebb would be ample for our needs for many years to come. Inspections were also made of various phases of our area, primarily the utility area and picnic area.

PUBLICITY

Our May Day and Fourth of July events always get a lot of publicity this time of the year.

The local radio station is giving local points of interest a plug on each announcement, for instance, "Radio Station K. A. L. G, the Home of the White Sands", or "Lincoln National Forest", etc., and several times a day the White Sands is called to the attention of the radio audience.

The Southern Pacific and Rock Island & Pacific Railroad Co. had some tourist and department heads in, with some cameramen, for pictures. With Joan Davis as a very capable model, some excellent pictures were obtained. We appreciate Mrs. Davis' cooperation in helping out in this way, and, sooner or later, Paramount or M. G. M. will realize her abilities and we will have to find another model for our photographic friends.

COMPLAINTS

No complaints from the public have been received in either the Service or the Public Services Operator.

MAINTENANCE

Slowly, oh, so slowly, we are getting many of our goals accomplished. This month we have put up a barrier in front of the Men's rest-room to keep youngsters from running directly into the roadway, which has always been the case. We have also added another entranceway to the Ladies rest-room, which will also add a major safety feature to our public use area, as well as supply a much shorter pathway from the concession to the Ladies room.

We are making headway, also, on our mud plastering, and it is showing up very well. Of course, it will require attention from time to time, but will look very nice and we cannot hope to do much with cement with the allotments we have. Joe is also keeping up with his roads and trails and we are slowly fixing up the parking area adjacent to the Concession area, along with our headquarters area trails.

Picnic tables are still being repaired as we can get to them. I spoke last month of getting our highway signs fixed up and repainted for the summer travel season and we have about decided it doesn't pay. At any rate, two entrance marker signs, of the smaller type, were found missing after all our work. It seems old signs do not have the attraction of a pretty, newly-painted sign.

INCREASE & DECREASE IN TRAFFIC

Five hundred less people, officially, this month than last month, but, as you near the ten-thousand-visitor-per-month point, this is hardly noticeable, one way or the other. One odd Sunday could sway the total one way or the other by that figure.

[illegible]

[illegible]

[illegible]

UNITED STATES

DEPARTMENT OF THE INTERIOR

VISITORS

John M. Davis, General Superintendent, Southwestern Monuments
Ralph Lassiter, Regional Engineer, Region Three
Mr. Lewis, Vice Pend National Park Concessions
Walter S. Young, Rock Island Railroad, Chicago, Illinois
Ray White, Rock Island Railroad, El Paso, Texas

We are happy to have had these visitors and are looking forward to anymore for May, June and April.

Johnwill Faris

Johnwill Faris,
Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Wupatki National Monument
Flagstaff, Arizona

March 25, 1951

To: General Superintendent

From: Superintendent, Wupatki

Subject: Monthly Narrative Report - Wupatki and Sunset Crater National Monuments

Weather: Dry weather continues with no precipitation recorded during the month. Sunset Crater had a little snow the first part of the month. The loop road to Wupatki was cleared of snow March 11 and opened to traffic. A maximum temperature of 74 degrees was recorded on March 15 with a minimum of 16 degrees on March 4. The rain gauges over the area were read on Feb. 28 and data sent to the Museum of Northern Arizona.

Monument Roads: The road from Sunset Crater to Wupatki is being bladed with a few more days of work to put the road in fairly good condition. The grader was given a complete overhaul in the Forest Service shop in Flagstaff the first of the month. The dump truck is at present in the shop for overhaul and when it is returned work will start on claying bad sections of cinders near Sunset Crater.

Interpretive Services: With the Easter holidays coming early this year we had a sudden rush of visitors using the interpretive devices and taking the ruin trail. At Wupatki 262 visitors in 76 parties were contacted for an average of 24 minutes and a total of 30 hours.

Travel: Travel figures showed a decrease for the time around the first of the month and increased rapidly over Easter but we still end the month with a slight decrease over March 1950.

	Wupatki		Sunset Crater	
	Cars	Visitors	Cars	Visitors
March 1951	155	408	231	576
March 1950	172	452	281	843
This travel year	529	2186	1777	4827
Last travel year	659	1912	1660	4961

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Mount Rainier Summary
Ashford, Arizona

March 24, 1987

To: General Superintendent

From: Superintendent, Summit

Subject: Monthly Narrative Report - Monthly and Annual Order Rainier Summary

Weather: Dry weather continues with no precipitation recorded during the month. Desert Oyster had a little snow the first part of the month. The Lone road to Vogel's was cleared of snow March 11 and opened to traffic. A maximum temperature of 74 degrees was recorded on March 12 with a minimum of 18 degrees on March 4. The rain gauge over the area was read on 7th. It was data sent to the Bureau of Reclamation.

Maintenance Roads: The road from Desert Oyster to Vogel's is being bladed with a few more days of work to put the road in fairly good condition. The grader was given a complete overhaul in the Lower Sierra shop in Flagstaff the first of the month. The shop crew is at present in the shop for overhaul and when, it is returned work will start on clearing bad sections of alcove near Tumbo's Trailer.

Interpretive Services: With the Easter holiday coming early this year we had a sudden rush of visitors using the interpretive devices and taking the rule trail. At Vogel's 800 visitors in 78 vehicles were entertained for an average of 24 minutes and a total of 32 hours.

Travel: Travel figure showed a increase for the time around the first of the month and increased rapidly over Easter but we still had the month with a slight decrease over March 1986.

	Monthly		Annual	
	Cars	Visitors	Cars	Visitors
March 1987	182	502	782	678
March 1986	172	600	181	128
This travel year	432	1242	1777	4177
Last travel year	428	1312	1760	4862

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Visitors: 3/17 John M. Davis & Ralph Lassiter, Region Three office
3/15 Ken Saunders, Mr. Marsh and Mr. Kenner from Region Three office
2/25 Ranger & Mrs. Nancarrow, Mt. McKinley Nat'l Park, Alaska.

Personnel: Former Superintendent William L. Bowen transferred to the Region Three office March 12. Frederick R. Brueck moved from Grand Canyon National Park March 19 to take over the duties of Superintendent.

Research and Observation: A road runner was observed near Heiser Spring on March 3. These are not very common throughout this area. Seventeen geese were noted flying towards the north. Spring is on the way.

Spring Flow:	Wupatki Spring	864 GPD
	Heiser Spring	2160 GPD

Frederick R. Brueck
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Visitors: 8/17 John H. Davis & Ruth Davis, Regina, Sask. Canada office
8/18 Ben Sanders, Mr. Barrett Mr. Bauer Iron Regina
Park office
8/20 Berger & Mrs. Bauerson, Mr. Kelley Salt Lake, Idaho.

Personnel: Ranger Superintendent William E. Brown transferred to the Region Three office June 12. Frederick E. Brown moved from Grand Canyon National Park June 12 to take over the duties of Superintendent.

Research and Observations: A real ranger was observed near Saint Paul on March 3. There are not very common throughout this area. Brownbear prowls very close during hunting the ducks. Spring is on the way.

Spring Flow: Upper Spring: 800 cfs
Below Spring: 2100 cfs

Theodore E. Brown
Superintendent

Month of March, 19 51

	This month	Travel year	(Mo.) Last Year	(T.Y.)	
Arches	1,322	3,614	367	1,556	Gain-Month 260% Gain-Year 133%
Aztec Ruins	755	4,498	624	3,150	Gain-Mo. 21% Gain-Yr. 43%
Bandelier	1,361	9,860	1,413	7,732	Gain-Mo. 32% Gain-Yr. 28%
Canyon de Chelly	210	332	61	518	Gain-Mo. 244% Gain-Yr. [illegible]
Capulin Mountain	300	5,100	450	6,300	Loss-Mo. 33% Loss-Yr. 19%
Casa Grande	4,759	24,491	3,880	22,226	Gain-Mo. 23% Gain-Yr. 10%
Chaco Canyon	85	579	57	395	Gain-Mo. [illegible] Gain-Yr. 46%
Chiricahua	1,575	6,665	1,448	6,969	Gain-Mo. [illegible] Loss-Yr. [illegible]
El Morro	109	1,124	77	618	Gain-Mo. 42% Gain-Yr. 82%
Gila Cliff Dwgs.	—	—	—	—	—
Gran Quivira	174	985	143	913	Gain-Mo. 22% Gain-Yr. [illegible]
Great Sand Dunes	356	2,696	727	4,023	Loss-Mo. [illegible] Loss-Yr. 33%
Montezuma Castle	3,043	14,526	2,358	11,098	Gain-Mo. 29% Gain-Yr. 31%
Natural Bridges	—	318	—	114	—
Navajo	86	227	30	213	Gain-Mo. 186% Gain-Yr. 7%
Organ Pipe Cactus	15,310	93,959	16,744	78,036	Loss-Mo. 9% Gain-Yr. 20%
Rainbow Bridge	—	—	—	—	
Saguaro	5,253	23,430	4,799	19,819	Gain-Mo. 9% Gain-Yr. 18%
Sunset Crater	576	4,827	843	4,981	Loss-Mo. 32% Loss-Yr. 3%
Tonto	2,492	10,944	2,487	11,751	Loss-Mo. [illegible] Loss-Yr. 7%
Tumacacori	5,488	21,718	3,607	17,356	Gain-Mo. 56% Gain-Yr. 25%
Tuzigoot	1,224	6,723	1,338	6,546	Loss-Mo. 9% Gain-Yr. 3%
Walnut Canyon	1,026	6,223	1,061	5,128	Loss-Mo. 3% Gain-Yr. 21%
White Sands	9,670	54,481	10,193	51,943	Loss-Mo. 5% Gain-Yr. 5%
Wupatki	403	2,196	452	1,912	Loss-Mo. 11% Gain-Yr. 14%
TOTALS	55,992	300,106	53,078	243,297	Gain - Mo. 5% Gain - Yr. 14%

(See reverse for notations, comments, etc.)

Gain over March 1950..... 5%

Gain for travel year..... .....11%

Nine areas showed losses over March 1950:

Capulin Mountain.....33%
Great Sand Dunes.....51%
Organ Pipe Cactus..... 9%
Sunset Crater.....32%
Tonto..... 1%
Turkeyoot..... 9%
Walnut Canyon..... 5%
White Sands..... 5%
Wupatki.....10%

m No. 10-769
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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

~~Arches National Monument~~
Name of Area

March 1951
Month

1951
Year

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
manent		1	1	2
porary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes	8	51	12 hr.
ins or Hist. House			
her Trips			
Total	8	51	XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
~~Headquarters~~	19	30	2 hr.
~~Monument all Areas~~	200	500	29 hr.
(Give Name or Type) Total	219	530	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

1722
Number Visitors to Area this Month

530
Total Interpretive Contacts.

rpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

RKS:

TRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
ease read them carefully.

NAME J. Earl Washington
TITLE Acting Supt.

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ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

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INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER O INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEAS TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

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REVISED MAY 1949.

m No. 10-769
orts
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Aztec Ruins
Name of Area

March
Month

1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent		2		
mporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or Hist. House	76	445	3/4 hr.
her Trips	240	755	1/4 hr.
Total		1200	XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

755
Number Visitors to Area this Month

1200
Total Interpretive Contacts.

terpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

MARKS:

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME Clyde A. Mayo
TITLE Park Ranger

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REVISED MAY 1949.

m No. 10-769
orts
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Bandelier National Monument
Name of Area

March
Month

1951
Year

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
manent	1		3	4
porary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or Hist. House	85	829	76.0 Min.
her Trips			
Total	85	829	XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)	26	176	14.1 Min.
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total	26	176	XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Ceremonial Cave	17	249	
Trails to Tsankawi		210	
Roadside Point Fire Lookout	1	14	
	18	543	
(Give Name or Type) Total			XXXXXXXX

1861
Number Visitors to Area this Month

1548
Total Interpretive Contacts.

terpretive Activities Outside of the Area:

	Govt. Publications	Sold	On Hand

MARKS:

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME Fred W. Sinnewies
TITLE Superintendent

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REVISED MAY 1949.

rm No. 10-769
oorts
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Canyon de Chelly National Monument
Name of Area

MBER OF PERSONS ENGAGED:

March
Month

Year

	Interpretive	Administrative	Other	Total
rmanent	One	One		Two
mporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or Hist. House	4	77	
her Trips			
Total	4	77	XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)	40	133	30 Min.
her (Not connected with conducted trip)			
Total	40	133	XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

210
Number Visitors to Area this Month

810
Total Interpretive Contacts.

terpretive Activities Outside of the Area:

	Govt. Publications	Sold	On Hand
letters of inquiry answered concerning			
posed visits to the monument.			

MARKS: Travel increased four times over last month and three times over a year ago.

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME Everett W. Bright
TITLE Superintendent

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INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS. GIVE TYPE OF ACTIVITY; SUCH AS TALK, BROADCAST, EXHIBIT, ETC.; DATE; ATTENDANCE; AND OTHER DATA NECESSARY TO DESCRIBE THE ACTIVITY.

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GOVERNMENT PUBLICATIONS: (FOR HISTORICAL AREAS) INDICATE BY NAME OR NUMBER THE COPIES SOLD AND ON HAND.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING INTERPRETIVE SERVICES. RETAIN ORIGINAL IN AREA FILES. IN AREAS EMPLOYING NATURALIST THIS REPORT TO BE ATTACHED TO HIS MONTHLY NARRATIVE REPORTS. IN OTHER AREAS IT SHOULD BE PRESENTED AS A SEPARATE REPORT WITH COPIES FOR COORDINATING SUPERINTENDENT, REGIONAL DIRECTOR AND DIRECTOR FORWARDED THROUGH ADMINISTRATIVE CHANNELS. DATE DUE EACH MONTH IN ACCORDANCE ADMINISTRATIVE MANUAL, VOL. 15, CHAPTER 8 (REPORT 8M3) AND 9 (REPORT 9M3).

REVISED MAY 1949.

EVISED MAY 1949.
m No. 10-769
orts
5 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

CAPULIN MOUNTAIN NATIONAL MONUMENT
Name of Area

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
manent		One		
porary				

March
Month

1951
Year

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or Hist. House			
her Trips			
Total	none		XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
entation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total	none		XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total	none		XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
~~Wayside markers pointing out five of the~~			
~~principal points of interest.~~			
(Give Name or Type) Total	five		XXXXXXXX

300 Number Visitors to Area this Month

50 Total Interpretive Contacts.

rpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand
none		

MARKS:

TRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME Homer J. Farr
TITLE Superintendent

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EXPLANATION OF TERMS USED

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TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

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INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

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m No. 10-769
orts
and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Casa Grande National Monument
Name of Area

March
Month
1951
Year

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
manent	1	1	1	5
porary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or Hist. House	216	2798	51.1 min.
her Trips			
Total			XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
useum	216	2798	23.7 min.
useum(visitors stopping for orientation only)		1372	
(Give Name or Type) Total		4170	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

4759
Number Visitors to Area this Month

6968
Total Interpretive Contacts.

terpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand

MARKS: 1961 visitors stopped for orientation only, It is estimated that 70% looked through the museum and this number is shown under Attended Interpretive Stations above.

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME A. T. Wicknell
TITLE Superintendent

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REVISED MAY 1949.

m No. 10-769
orts
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chaco Canyon National Monument
Name of Area

March
Month

1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent		One- Superintendent		One
mporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or Hist. House			
her Trips	14	42	56 Min.
Total			XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)	22	56	13 Min.
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

85
Number Visitors to Area this Month

98
Total Interpretive Contacts.

rpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand

LEKS: Due to a shortage of Personnel and with only the Superintendent on Duty it was impossible to contact all of our visitors. This is only a temporary shortage and a N.A.S. Guide will be on duty by April 1.

TRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME
TITLE Meredith M. Guillet

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m No. 10-769
orts
and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chiricahua National Monument
Name of Area

March
Month

1951
Year

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
manent		1	2	3
porary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans	1	5	1 hr.
~~Hns/or~~ Hikes Echo Canyon - Heart Of Rocks	5	49	3½ hr.
~~ns/or/Hist/House~~ Nature Trail	1	3	1 hr.
her Trips Massai Point Loop Walks	4	24	½ hr.
Total	11	81	XXXXXXXX

TALKS	NO.		
mpfire	2	61	½ hr.
tel or Lodge Silver Spur Ranch - Slide Lecture	1	14	1 hr.
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
ner (~~Not/connected/with/conducted/trip~~)	2	39	1½ hr.
Slide Lecture in Museum Total	5	114	XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
eadquarters Museum	1	1429	½ hr.
(Give Name or Type) Total	1	1429	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
rientation Station - Massai Point - estimated	1	700	½ hr.
ature Trail - Self guided	10	20	3/4 hr.
(Give Name or Type) Total	11	720	XXXXXXXX

1575
Number Visitors to Area this Month

2344
Total Interpretive Contacts.

rpretive Activities Outside of the Area; Govt. Publications Sold On Hand

MARKS:

Twelve Inquiries Answered

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME Carl C. Bynum
TITLE Acting Superintendent

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UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

COLUMN 3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

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GOVERNMENT PUBLICATIONS: (FOR HISTORICAL AREAS) INDICATE BY NAME OR NUMBER THE COPIES SOLD AND ON HAND.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING INTERPRETIVE SERVICES. RETAIN ORIGINAL IN AREA FILES. IN AREAS EMPLOYING NATURALIST THIS REPORT TO BE ATTACHED TO HIS MONTHLY NARRATIVE REPORTS. IN OTHER AREAS IT SHOULD BE PRESENTED AS A SEPARATE REPORT WITH COPIES FOR COORDINATING SUPERINTENDENT, REGIONAL DIRECTOR AND DIRECTOR FORWARDED THROUGH ADMINISTRATIVE CHANNELS. DATE DUE EACH MONTH IN ACCORDANCE ADMINISTRATIVE MANUAL, VOL. 15, CHAPTER 8 (REPORT 8M3) AND 9 (REPORT 9M3).

REVISED MAY 1949.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

El Morro National Monument
Name of Area

March
Month
1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent		(1) Supt.		1
mporary				0

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes	29	77	1 hour
uins or Hist. House			
ther Trips			
Total	29	77	XXXXXXXX

TALKS	NO.		
umpfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)	13	38	15 mins
ther (Not connected with conducted trip)			
Total	13	38	XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total	0	0	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Ruins on Mesa Top	3	8	60 mins.
(Give Name or Type) Total	3	8	XXXXXXXX

109
Number Visitors to Area this Month

193
Total Interpretive Contacts.

terpretive Activities Outside of the Area:

	Govt. Publications	Sold	On Hand

EMARKS:
Increase over last year, but not what it should be because of weather during the past 20 days.

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME Irving McNeil, Jr.
TITLE Superintendent

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE SUPERINTENDENTS, ASST. SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.
"CONTACT" IS A CONNECTION, INTERPRETIVE IN CHARACTER, BETWEEN A PERSON AND A NATIONAL PARK SERVICE EMPLOYEE OR A PARK INTERPRETIVE DEVICE, EXCLUSIVE OF RADIO, BOOK, PAMPHLETS, AND THE LIKE.

CONDUCTED TRIPS: CARAVAN OR HIKING TRIPS CONDUCTED BY N.P.S. PERSONNEL FOR GENERAL FIELD ACTIVITIES. TRIPS SPECIFIC TO RUINS AND HISTORICAL HOUSES SHOULD BE REPORTED ON LINE 3. BE SPECIFIC UNDER OTHER TRIPS AS TO TYPE OF CONDUCTED TRIP SUCH AS BOAT, SKI, OR OTHER ORGANIZED ACTIVITY.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Gran Quivira National Monument
Name of Area

March
Month
1951
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	
emporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	26	119	43 min.
ther			
Total	26	119	18.5 hrs.

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
lf Guide Mission Trail	19	55	20 min.
(Give Name or Type) Total	19	55	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
oadcasts			
lks			
isplays and Exhibits			
plies to Inquiries	10	letters	
ther			

174
Total Receiving Interp. Serv.
174
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	
opular Studies	
ource Books	

NAME Ray B. Ringenbach
Ray B. Ringenbach
TITLE Superintendent

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

tendent on annual leave 6 days.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

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MONTHL TATISTICAL REPORT OF INTERPRET SERVICES
IN NATIONAL PARK AREAS*

GREAT SAND DUNES NATIONAL MONUMENT
Name of Area

MARCH
Month

1951
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent	0	1	0
emporary	0	0	0

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
ontact Station	1	320	10 min.
(Give Name or Type) Total	1	320	

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
oadcasts			
lks	2	37	55 min. ave.
isplays and Exhibits			
plies to Inquiries	8		
ther			

320
Total Receiving Interp. Serv.

356
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

page booklets	
pular Studies	
rce Books	

NAME [illegible]

TITLE Glen T. Bean
Superintendent

MARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

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and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Montezuma Castle National Monument
Name of Area

March
Month
1951
Year

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
manent	1	1		2
porary	1			1

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or Hist. House	125	777	45 Min.
ner Trips			
Total	125	777	XXXXXXXX

TALKS	NO.		
npfire			
tel or Lodge			
seum (Not connected with conducted trip)			
entation (Not connected with conducted trip)			
ner (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
Castle Museum (not continuously attended)	1	2000	10 Min.
Well Museum	1	150	10 Min.
Talk connected with conducted tour but received by those not making tour.		700	10 Min.
(Give Name or Type) Total	2	2850	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Sycamore Trail	1	1250	30 Min.
Montezuma Well Loop Trail	1	800	30 Min.
(Give Name or Type) Total	2	2750	XXXXXXXX

3043
Number Visitors to Area this Month

6377
Total Interpretive Contacts.

rpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

RKS:

TRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME John O. Cook
TITLE Superintendent

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TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

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REVISED MAY 1949.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

NAVAJO NATIONAL MONUMENT
Name of Area

March
Month
1951
Year

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
manent		one		1
porary				0

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans SAMPAL TRAIL	9	30	2 hr.
ks or Hikes MESATAKIN RUIN	10	63	3 hr.
ns or Hist. House AGEI SEEL	3	13	8 hr
ier Trips INSCRIPTION HOUSE	1	3	5 hr
Total			XXXXXXXX

TALKS	NO.		
npfire			
tel or Lodge			
seum (Not connected with conducted trip)			
entation (Not connected with conducted trip)			
ier (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
formal talks given by Superintendent a this	3	14	, to 1 hr
sidence in the evening to those camping i			
e area			
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

86
Number Visitors to Area this Month

123
Total Interpretive Contacts.

rpretive Activities Outside of the Area:

	Govt. Publications	Sold	On Hand

ARKS: Unusually high visitation due to publicity in LOS ANGELES TIMES concerning trips to Aeot Seel Ruin

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
lease read them carefully.

NAME John A. Ambacher
TITLE Superintendent

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
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TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

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INSTRUCTIONS FOR FILLING IN THE FORM

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COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEAS TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

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REVISED MAY 1949.

m No. 10-769
orts
and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Organ Pipe Cactus National Monument
Name of Area

March
Month

1961
Year

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
manent		1	2	3
porary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans	2	125	10 hrs.
lks or Hikes	2	82	4 hrs.
ins or Hist. House			
ier Trips			
Total	4	207	XXXXXXXX

TALKS	NO.		
npfire			
cel or Lodge			
ieum (Not connected with conducted trip)	2	115	4 hrs
entation (Not connected with conducted trip)			
ier (Not connected with conducted trip)			
Total	2	115	XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
eadquarters	1	1642	1/4 hr.
uty skin collection	1	143	1/3 hr.
(Give Name or Type) Total	2	1645	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
izona Desert Trail	1	272	1/2 hr.
(Give Name or Type) Total	1	272	XXXXXXXX

15,167
Number Visitors to Area this Month

2239
Total Interpretive Contacts.

erpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

MKS:

S RUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
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NAME
TITLE Superintendent

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REVISED MAY 1949.

m No. 10-769
orts
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Sunset Crater National Monument
Name of Area

March
Month
1951
Year

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
manent				
porary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or Hist. House			
her Trips			
Total			XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
ail Side Signs	231	576	5 Min.
va Flow Nature Trail	32	80	25 Min.
(Give Name or Type) Total	263	656	XXXXXXXX

576
Number Visitors to Area this Month

656
Total Interpretive Contacts.

rpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

RKS: No personnel on duty during March.

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NAME Frederick R. Brueck
TITLE Superintendent

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m No. 10-769
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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

TONTO NATIONAL MONUMENT
Name of Area

March
Month
1951
Year

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
manent	1	1		2
porary	1 (NAE Guide)		1	2

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or Hist. House	349	1129	45 minutes
ner Trips			
Total	349	1129	XXXXXXXX

TALKS	NO.		
npfire			
tel or Lodge			
seum (Not connected with conducted trip)			
entation (Not connected with conducted trip)			
ner (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
Museum-Office	28	2236	15 min av.
(Give Name or Type) Total	28	2236	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

2402
Number Visitors to Area this Month

4608
Total Interpretive Contacts.

erpretive Activities Outside of the Area:

	Govt. Publications	Sold	On Hand

ARKS: NAE Guide Coener on several days this month

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lease read them carefully.

NAME Walter C. Mapes
TITLE Superintendent

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THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING INTERPRETIVE SERVICES. RETAIN ORIGINAL IN AREA FILES. IN AREAS EMPLOYING NATURALIST THIS REPORT TO BE ATTACHED TO HIS MONTHLY NARRATIVE REPORTS. IN OTHER AREAS IT SHOULD BE PRESENTED AS A SEPARATE REPORT WITH COPIES FOR COORDINATING SUPERINTENDENT, REGIONAL DIRECTOR AND DIRECTOR FORWARDED THROUGH ADMINISTRATIVE CHANNELS. DATE DUE EACH MONTH IN ACCORDANCE ADMINISTRATIVE MANUAL, VOL. 15, CHAPTER 8 (REPORT 8M3) AND 9 (REPORT 9M3).

n No. 10-769
orts
and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Tumacacori National Monument
Name of Area

March
Month

1951
Year

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
nanent		1	1	2
porary			1	1

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or Hist. House	234	1908	38.1 minutes
ier Trips			
Total	234	1908	XXXXXXXX

TALKS	NO.		
npfire			
el or Lodge			
eum (Not connected with conducted trip)			
entation (Not connected with conducted trip)			
er (Not connected with conducted trip)			
Total	0		XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
bined information and interpretation service at registry desk, museum or garden	1	5307	5 mins. (ave)
(Give Name or Type) Total	1	5307	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
lf-guiding museum and patio garden (with nature trail leaflet for the garden). However, interpretive service is often given in the garden by a member of the staff.	2	5268	20 mins (ave)*
(Give Name or Type) Total	2	5268	XXXXXXXX

5489** Number Visitors to Area this Month

12,483 Total Interpretive Contacts.

erpretive Activities Outside of the Area:

	Govt. Publications	Sold	On Hand
	none		

ARKS: * Introduction of the Patio Garden Guide (nature trail leaflet) in past month dates new study necessary on average time spent in garden. Will do this during month.

** Visitor total includes 181 runarounds.

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
lease read them carefully.

NAME Earl Jackson
TITLE Superintendent

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD ON INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE SUPERINTENDENTS, ASST. SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.
"CONTACT" IS A CONNECTION, INTERPRETIVE IN CHARACTER, BETWEEN A PERSON AND A NATIONAL PARK SERVICE EMPLOYEE OR A PARK INTERPRETIVE DEVICE, EXCLUSIVE OF RADIO, BOOK, PAMPHLETS, AND THE LIKE.

CONDUCTED TRIPS: CARAVAN OR HIKING TRIPS CONDUCTED BY N.P.S. PERSONNEL FOR GENERAL FIELD ACTIVITIES. TRIPS SPECIFIC TO RUINS AND HISTORICAL HOUSES SHOULD BE REPORTED ON LINE 3. BE SPECIFIC UNDER OTHER TRIPS AS TO TYPE OF CONDUCTED TRIP SUCH AS BOAT, SKI, OR OTHER ORGANIZED ACTIVITY.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITO USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVI TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

COLUMN 3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

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REVISED MAY 1949.

m No. 10-769
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and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

TUZIGOOT NATIONAL MONUMENT
Name of Area

MARCH
Month
1951
Year

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
manent	1	1		
porary			1	

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or Hist. House	388	1169	
ner Trips			
Total			XXXXXXXX

TALKS	NO.		
npfire			
tel or Lodge			
seum (Not connected with conducted trip)			
lentation (Not connected with conducted trip)	382	1157	10 min.
ner (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total	770		XXXXXXXX

1224
Number Visitors to Area this Month

2326
Total Interpretive Contacts.

erpretive Activities Outside of the Area:

	Govt. Publications	Sold	On Hand
n illustrated talk on Region Three areas			
the Superintendent to Camp Verde Lions			
lub, March 21. Attendance: 25			

ARKS:

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
lease read them carefully.

NAME J. W. Barlow
TITLE Superintendent

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m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Walnut Canyon National Monument
Name of Area

March
Month

1951
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent	0	1	1
emporary	0	0	0

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Overlook at museum	1	1026	15 min.
Museum	1	958	10 min.
(Give Name or Type) Total		1984	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Ruins trip into canyon (Island Trail)	1	718	50 min.
(Give Name or Type) Total		718	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
oadcasts			
alks			
isplays and Exhibits			
olies to Inquiries			
ther			

2706
Total Receiving Interp. Serv.

1026
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

5 page booklets	None
opular Studies	None
rce Books	None

NAME Homer R. Hastings

TITLE Supt.

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

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Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

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m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

[illegible] National Monument
Name of Area

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent	2	2	2
emporary			

[illegible]
Month

1951
Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans		[illegible]	
alks or Hikes		[illegible]	
uins or Hist. House		[illegible]	
ther		[illegible]	
Total			

TALKS	NO.		
ampfire		[illegible]	
otel or Lodge		[illegible]	
useum (Not connected with conducted trip)		[illegible]	
rientation (Not connected with conducted trip)		[illegible]	
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
	[illegible]	[illegible]	[illegible]
(Give Name or Type) Total		[illegible]	

UNATTENDED INTERPRETIVE DEVICES	NO.		
		[illegible]	
		[illegible]	
		[illegible]	
		[illegible]	
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
oadcasts		[illegible]	
lks		[illegible]	
splays and Exhibits		[illegible]	
plies to Inquiries		[illegible]	
her			

[illegible]
Total Receiving Interp. Serv.

[illegible]
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
page booklets	[illegible]
pular Studies	[illegible]
rce Books	[illegible]

NAME [illegible]

TITLE [illegible]

MARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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orts
and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETATIVE SERVICES
IN NATIONAL PARK AREAS*

Wupatki National Monument
Name of Area

March
Month
1951
Year

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
manent		1	1	2
porary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or Hist. House	76	262	24 Min.
her Trips			
Total	76	262	XXXXXXXX

TALKS	NO.		
npfire			
tel or Lodge			
seum (Not connected with conducted trip)			
lentation (Not connected with conducted trip)			
ner (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Wupatki Ruins Trail	141	371	35 Min.
Malakihu -Citadel Trail	101	252	30 Min.
(Give Name or Type) Total	242	623	XXXXXXXX

408
Number Visitors to Area this Month

885
Total Interpretive Contacts.

rpretive Activities Outside of the Area: Govt. Publications Sold On Hand
Superintendent absent from area 1 week. Four days during the month no travel recorded due to bad weather.

RKS:

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lease read them carefully.

NAME Frederick R. Brueck
TITLE Superintendent

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"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE SUPERINTENDENTS, ASST. SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.
"CONTACT" IS A CONNECTION, INTERPRETIVE IN CHARACTER, BETWEEN A PERSON AND A NATIONAL PARK SERVICE EMPLOYEE OR A PARK INTERPRETIVE DEVICE, EXCLUSIVE OF RADIO, BOOK, PAMPHLETS, AND THE LIKE.

CONDUCTED TRIPS: CARAVAN OR HIKING TRIPS CONDUCTED BY N.P.S. PERSONNEL FOR GENERAL FIELD ACTIVITIES. TRIPS SPECIFIC TO RUINS AND HISTORICAL HOUSES SHOULD BE REPORTED ON LINE 3. BE SPECIFIC UNDER OTHER TRIPS AS TO TYPE OF CONDUCTED TRIP SUCH AS BOAT, SKI, OR OTHER ORGANIZED ACTIVITY.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

COLUMN 3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS. GIVE TYPE OF ACTIVITY; SUCH AS TALK, BROADCAST, EXHIBIT, ETC.; DATE; ATTENDANCE; AND OTHER DATA NECESSARY TO DESCRIBE THE ACTIVITY.

TOTALS: TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

GOVERNMENT PUBLICATIONS: (FOR HISTORICAL AREAS) INDICATE BY NAME OR NUMBER THE COPIES SOLD AND ON HAND.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING INTERPRETIVE SERVICES. RETAIN ORIGINAL IN AREA FILES. IN AREAS EMPLOYING NATURALIST THIS REPORT TO BE ATTACHED TO HIS MONTHLY NARRATIVE REPORTS. IN OTHER AREAS IT SHOULD BE PRESENTED AS A SEPARATE REPORT WITH COPIES FOR COORDINATING SUPERINTENDENT, REGIONAL DIRECTOR AND DIRECTOR FORWARDED THROUGH ADMINISTRATIVE CHANNELS. DATE DUE EACH MONTH IN ACCORDANCE ADMINISTRATIVE MANUAL, VOL. 15, CHAPTER 8 (REPORT 8M3) AND 9 (REPORT 9M3).

UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Region Three
Santa Fe, New Mexico

Monthly Narrative Reports
April, 1951

Routing List--Southwestern National Monuments

	Name of Official	Date Received	Date Forwarded
Bandelier	Bennewitz	5/20/51	5/21/51
El Morro	[illegible]	[illegible]	[illegible]
Canyon de Chelly	E.W. Bright	4-14-51	4-16-51
Chaco Canyon	[illegible]	5/26/51	5/1/51
Aztec Ruins	[illegible]	[illegible]	[illegible]
Arches	B.B. Wilson	6-6-51	6-7-51
Great Sand Dunes	Glen Bean	6/14/51	6/14/51
Capulin Mountain	[illegible]	9/10/51	9-14-51
Gran Quivira	[illegible]	9/17/51	9/18-51
White Sands	[illegible]	[illegible]	[illegible]

Region Three Office--Mr. King _____

(List No. 1.)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

ARCHES NATIONAL MONUMENT
MOAB, UTAH

April 26 1951

Memorandum:

To: General Superintendent

From: Superintendent Arches

Subject: Narrative Report for Month of April, 1951

Weather: We recieved two welcome rain storms this month in which ½ inch of percipitation fell.
It gave us a chance to grade all monument roads.

Travel: A 74% increase over the same period last year was noted ; of the 2270 visitors for the month 990 arrived on Easter Sunday.

Interpretive Services: Contacts of 920 people was made with a total time of 65 hours.
Nineteen guided tours were made with an attendance of 210 people.

Special Activities: Easter Services were held at the Window Section of the monument with 250 people in attendance.

Monument Roads: As of April 20th all road equipment operations ceased due to lack of funds.

Approach Roads: Utah State Highway Maintenance crew bladed route # 93 twice this month; however due to lack of moisture the results were very poor.

NPS Visitors: Ranger & Mrs RF. Uhte of Yosemite National Park
Chief Ranger, & Mrs L.W. Hallock Crater Lakes National Park
Ranger & Mrs Ray Dobbins Colo, National Monument
Superintendent Rose Mase Verde National Park

Local Activities: Road is under construction down the Colorado River to the oil well and being built by the Americol Petroleum Co; seven or eight miles is completed.

T. Earl Worthington

T. Earl Worthington
Park Ranger.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

~~[illegible] NATIONAL MONUMENT~~
~~WORK PLAN~~

~~April 27 1955~~

~~Memorandum~~

~~To: General Superintendent~~

~~From: Superintendent [illegible]~~

~~Subject: Recreation Season for month of April, 1955~~

~~Remarks: We received you welcome this course this week for work & lack of participation full.~~
~~It gives us a chance to grade all necessary work.~~

~~Results: A TAC interview over the some period been you some 1 of the ECC visitors for the week the arrived on Easter Sunday.~~

~~Interpretive Services: Campers of 300 people was made with a total time of 10 hours.~~
~~Campers guided tours were made with an attendance of 150 people.~~

~~Special Activities: Junior Rangers were held on the Alcove Campfire of the weekend with 250 people in attendance.~~

~~Remarks Under: In of April 2010 all year equipment operations among due to lack of funds.~~

~~Approved Leave: Two park Ranger Naturalists are viewed every 2 in helps this month, however due to lack of minutes the results were poor.~~

~~Not Visitors: Ranger & Mrs. G. Tate of Yosemite National Park Edar Ranger, & Mrs L.K. Smith from Lake National Park Ranger & Mrs Ray Jackson Jr. National Monument Superintendent from New York National Park~~

~~Land Acquisition: Road in water encroachment down the Fairmont Alcove in the old Well and Lodge Built by the Lowland Foundation; water is which also is required.~~

~~J. Leo Hutchinson~~
~~J. Leo Hutchinson~~
~~Park Ranger.~~

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

24 April 1951

Memorandum

To: General Superintendent

From: Superintendent Aztec Ruins

Subject: Superintendent's Monthly Narrative Report lml

Weather: For April, the weather has been windy and chilly, altho a number of nice warm days have kept our visitors coming with an increase over March of 30%. The nites have been cold, generally below freezing, and we have enjoyed a few lite rain storms.

INSPECTIONS: On the 17th, Architect Ken Saunders inspected the residence at Site #3, which was covered by his report of the 18th.

MAINTENANCE: Ruins stabilization work has been going on since the 2nd of April with a crew of 9 men under the direction of Raymond Kinsey, Archeologist Aide. Capping of deteriorated wall tops in the NE corner of the ruin, and excavation of the south wall is well under way.

INTERPRETIVE SERVICE: There were 644 visitors in 131 parties conducted thru the ruins and 1078 visitors in 350 parties shown thru the museum.

RESEARCH*OBSERVATION: Numerous transient arrivals of birds are noted with nesting activities going on. Capt. and Mrs. R. Rigg USCGS, Ft Worth were in the 22nd taking movies of birds in flight.

INCREASE IN TRAVEL: We are 6% ahead of April last year with 1078 visitors in 334 cars from 32 states and Wash. D.C.

VISITORS: On the 25th, A F Houston, Supt Craters of the moon; on the same day, F E Minnigter, Supply and Credit, Wash D.C. April 20, Harold Hatcliff Region Three and L W Wallock Crater Lake, Oregon visited. April 21, Supt. Robt Rose, Mesa Verde dropped in and Mr. W. Griffin and Family, USIS, Shiprock Agency visited.

BUILDING FIRE PROTECTION: All soda acid fire extinguishers have been refilled in the museum building and residential structures.

Irving L. Townsend
Superintendent

AZTEC

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

[illegible]

To: [illegible]

From: Superintendent, Bandelier

Subject: Narrative report for April, 1951

Weather

The weather was very generally unsettled during most of the month and a total of .23 inches of moisture was received on four days. The rest of the month was characterized by partly cloudy sky and high winds.

Temperatures fluctuated considerably between a low of 14 degrees on the 16th and a high of 76 on the 27th.

Special activities

The superintendent and Ranger Jackson attended a meeting with Forest Service officers on April 25 to discuss the protection of Mesa Prieta from fires as part of the civil defense program. Preliminary estimates were made to determine how a water for permanent fire control may be secured on Mesa Prieta with the civil defense program.

Inspections

On April 6 Chief Ranger Hoover and Ranger Jackson were called to Albuquerque to inspect a [illegible].

On April 26 Assistant Director Wirth, Director, Department of the Interior personnel division, for an inspection of the area on April 26 following a short tour of the monument. The duties and methods of operating various personnel in small areas were discussed.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

Personnel

Mr. Fred [illegible] Guesenberry, Jr., Clerk, [illegible]-4, at this area received notice of his transfer and promotion to Administrative Aid at Petrified Forest. The transfer will effected early in May. Our best wishes for success and happiness in their new assignment go with the Guesenberry's.

Ranger and Mrs. Jack Furney are the proud parents of a new daughter, Elizabeth Ann, who was born April 30.

Maintenance

The installation of the new dishwashing machine and rearrangement of part of the Lodge kitchen were completed prior to the opening of the Lodge the last of the month.

The lobby of the museum was stained and given two coats of varnish which improved its appearance considerably.

A new telephone cable was installed to the residences for the local phone system after the old cable became unserviceable.

The kitchen of residence 1 was painted and also the portal in back of the museum lobby.

Roads and Trails

Some additional volcanic ash was hauled on the road between the checking station and the end of the paving in preparation for oiling. Prices were obtained on the oil and a distributor and everything is ready as soon as final approval is given to the job.

Holes and sharp edges in the walks and flagstone patios were filled with cement to improve their safety.

Concessioner

Frijoles Canyon Lodge was opened for the season on April [illegible] and the saddle horses will be in between the first and fifteenth of May. This years rates have not yet been approved and it was necessary to open with those that were in effect last year.

Interpretive Service

There were 1112 visitors conducted through the ruins on 109 tours this month.

The Superintendent gave a talk on the "National Park Service in New Mexico" to 30 members of the Lions Club at Los Alamos, New Mexico on the 5th.

The cement casts of the stone lions that were prepared last fall were mounted in the patio of the museum. An attempt is being made at a reconstruction drawing of the lions to be exhibited with them to show how they may have looked four or five hundred years ago.

Travel

The unsettled weather, particularly on week ends, caused a decrease in travel this month from 3020 last year to 2520 this year. Indications are that travel will continue to increase as soon as the weather becomes more pleasant.

Visitors

Mr. and Mrs. Zerby; the parents of Ranger Zerby of El Morro National Monument, were visitors on the 5th.

Dr. C. W. Goff, professor of physical anthropology at Yale University, paid us a visit on the 7th.

Forest Fire Control

A refresher fire control training session was held for all employees on the 9th. Another fire school will be held in June after the temporary rangers and Lodge employees are on duty.

Fred W. Emmons
Fred W. Emmons
Superintendent

Canyon de Chelly National Monument
Chinle, Arizona

April 26, 1951

Memorandum

To: General Superintendent

From: Superintendent, Canyon de Chelly

Subject: Monthly Narrative Report for April, 1951

Visitor Travel: April travel was somewhat lower than for the same period last year. The current travel year, however, is running considerably over 1950. 235 people in 77 cars this month. 41 hours and 35 minutes were spent in guide and contact work. Since campground facilities have been improved there is a very definite increse in overnight campers.

Weather: Outside of two or three windy days the weather has been unusually mild. A total of .85 of an inch of rain fell during the month which helped materially. Temperatures ranged from a high of 79 on the 23rd to a low of 19 on the 11th.

Project Programs: Alterations to the Superintendent's Residence is nearing completion. All exterior covering was removed from the entire upper part of the building and two badly disintegrated walls. Total area of over 1000 square feet. Rabbit wire was firmly secured onto the old adobe and coatings of cement, lime and paint added according to specifications. This portion of the building will hold for many years to come. Lack of funds prevented the completion of the entire exterior structure.

The kitchen was stripped completely down to the bare adobe walls, and, metal lath with coatings of cement and lime mixtures and a final covering of plaster added. All new wall and base cabinets and sink, all metal, were installed including a new refigerator. This now adds a very attractive unit to the quarters. Linoleum and asphalt tile will be laid as soon the necessary basic material can be obtained.

Canyon de Chelly Water Shed Soil & Moisture Program will be completed upon receipt of 14,000 pounds of wire from the General Services Administration.

Due to recent rains we were able to do considerable grader work on the roads. Also, several loads of material were hauled for surfacing the roads and trails. This work will continue on into next month.

Materials are being obtained for the construction of a new register and publications display case and new informational signs.

Everett W. Bright
Everett W. Bright
Superintendent

Jungle de Dalit National Museum
Dalit, Ontario

April 30, 1921

Memorandum

To: General Superintendent

From: Superintendent, Jungle de Dalit

Subject: Monthly Attendance Report for April, 1921

Visitor Trends: April traditionally was somewhat lower than the same period last year. The overall trend, however, is pointing unmistakably upward. 1921 promises to be more than double. At times we did whether were open in quite and weekend weeks. Those neighborhood facilities have been improved there to a very satisfactory increase in attendance numbers.

Gardens: Outside of two or three slimy spots the gardens have been successfully cleaned. I hated at .25 of an inch of rain at this time keeping the weeds and helped materially. Temperatures ranged from a high of 72 on the 12th to a low of 37 on the 21st.

Building Improvements: Alterations to the Superintendent's building is nearing completion. All material required was received from the public works yard of the building and the daily distinguished walls. Total area of over 1000 square feet. Sanitary wire and fixtures placed under the old window and backings of cement, this anticipated school assembly to specifications. This portion of the building will hold for-long years to come. Lack of funds prevented the completion of the entire exterior structure.

The Bishop was original considerably later in the year under review, and, hence, late with matters of common and time activities and a final assembly of planned added. All has well and been delivered and with, all being, many impressive lectures. A new attraction. This one also a very effectively well to the gardens. Lighting and logical life will be held so that the necessary funds expected for in effect.

Jungle de Dalit Other Good Will: Relations Program will be regular open rounds of 14,000 guests of also from the General Services Administration.

The Jungle Lions on view also the 12 months periods with the [illegible]. Also, several lands of material were taken during the excluding the month and [illegible]. This good will continue on like last month.

Negotiations are being started for the construction of a new exhibit and [illegible] Jungle and the International Show.

Respectfully,
Johnson W. Jungle
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Capulin Mountain NATIONAL MONUMENT

Capulin New Mexico, 19

April 26, 51

Memorandum

To: The General Superintendent
Southwestern National Monuments
National Park Service
Santa Fe, New Mexico

From: Superintendent Homer J. Farr

Subject: Monthly narrative report, April 26, 1951

Visitors: About seven hundred fifty people have visited the Monument during the month of April, making a total of five thousand eight hundred fifty during the travel year and twenty five thousand fifty for the fiscal year to date.

Weather: The usual bad cloudy weather for this time of year, having had three light snows with a total snowfall of about eight inches, with .75 inches of precipitation.

Flora and Fauna: I note in last month's report that I did not mention the porcupines, and I never want to slight those rascals so I'm saying now: we still have too many. I have not seen any deer this month but see their tracks where at night they play in the road.

Road and Trails: Roads have been maintained constantly and all thru the month has been in good condition.

Special visitor: One of our naturalists, Leslie Arnsburger and Bill Bowen was two eighty welcome boys to the Monument this month. The three went over the rim trail carefully and Leslie took some very good pictures preparatory to our new center rim trail booklet, which we hope to be able to place in circulation by the middle of next month.

Information pamphlets: Approximately twenty Capulin pamphlets have been mailed out upon request and about 100 handed to visitors. This spring we have had much more requests in the mail for literature about the Monument this may be the forerunner of heavier traffic this summer.

Homer J. Farr
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
CASA GRANDE NATIONAL MONUMENT
COOLIDGE, ARIZONA

April 25, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Casa Grande National Monument

Subject: Monthly Narrative Report for April, 1951.

General: "Spring is busting out all over" in the Gila Valley; cactii and wildflowers are blooming, and the desert is a riot of color; however, due to the very dry condition of the country, it is not as beautiful as it has been in past years.

The drouth situation continues to be the main topic of conversation throughout Arizona. A great number of cattlemen and sheepmen are shipping their livestock to Kansas and Wyoming because of the water shortage and feed problem (which all means that it will be a few more years before we can afford a small steak for dinner). Time and Newsweek magazines carried articles about the Arizona drouth in their April issues.

Everything happens to us. On March 26, this area was visited by the Public Lands Subcommittee on Interior and Insular Affairs. The committee was in Arizona to study the problem of Arizona's share of the Colorado River water -- an especially important problem because of the drouth -- and to make the authorization of the Arizona Central Valley Project. As the Superintendent was conducting the group (Senators, Representatives, and other visiting V.I.P.'s) through the "ruins", we had one of those freak rain storms that sometimes hits this country. Although only one tenth of one inch of rain fell, it all happened while the party was in Compound A, and it was enough rain to give the whole party the appearence of wearing unpressed clothes. Also, the photographer from Life magazine took a picture of one of the bitter oppements of the Colorado-River-Water-for-Arizona, a California Senator, with rain dripping off his hat.

Weather: The month of April has brought ideal spring weather with daytime temperatures that range in the 90's and nice cool nights. There is however, the hint of summer in the air, and

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CASA GRANDE NATIONAL MONUMENT

COOLIDGE, ARIZONA

April 30, 1941

Memorandum

To: Regional Superintendent, Southwestern National Monuments

From: Superintendent, Casa Grande National Monument

Subject: Monthly Narrative Report for April, 1941.

General: Spring is having, and all what is the side Valley; morris and wildflowers are blooming, and the desert is a riot of color; however, due to the very dry condition of the country, it is not as beautiful as it was last in past years.

The travel situation continues to be the main topic of conversation in Coolidge circles. A great number of soldiers and sailors are adapting their itineraries to Casa and Florence because of the water shortage and food problem (which all seems that is well in a few more years) before we can enjoy a small chance for picnic; the and Pressing organizing service articles about the Arizona travel in their April issues.

Interpretive Program: On April 3, this area was visited by the Public Lands Interpretive Seminar and Coolidge Civics. The seminar was in Arizona to study the problems of Arizona's share of the Colorado River water -- as especially important problem because of the drought -- and to make the educational tour of the Arizona Central Valley Projects. In the Superintendent was evaluating the group (about 40, Superintendent, and other visiting V.I.P.'s) through the "Ruins", we had one of those freak storms that sometimes hits this country. Although only about of one inch of rain fell, it did important while the party was in Compound 1, and it was enough rain to give the whole party the experience of meeting unexpected storms. Also, the Superintendent from the magazine took a picture of one of the bitter opponents of the Colorado-River-Water-for-Arizona, a California farmer, who rain dripping off his hat.

Weather: The month of April has brought ideal spring weather with daytime temperatures that range in the 70's and 80's and nights. There is scarcer, the blue of summer in the air, and

everyone is either busy installing their cooler or making the necessary repairs and clean-up prior to installing their cooler.

Mr. Louis R. Jurwitz, Section Director of U.S. Weather Bureau at Phoenix, visited the monument March 26 for a routine check of our weather station. He found everything in good order except for a brand new sage green paint job which we had put on to keep the wood from weathering away. (They are going to send up some white paint to standardize things.)

Highest Maximum temperature this month	96°
Lowest Minimum temperature this month	35°
Total amount of rainfall this month	.82"

Visitors: The travel is starting to slow up; however, it is still heavier than last year for the same month. As usual we had visitors from every state and territory except one; this month we had no visitors from Maine. We had foreign visitors from Denmark, Sweden, Norway, France, and Great Britain. This is the best month that we have ever had with servicemen-- we had 22 of them.

	1951	1950
Visitors during April	4,088	3,809
Increase	279	
Visitors for Travel Year	28,579	26,035
Increase	2,544	
Servicemen in April	22	

Interpretive Service: A total of 2,374 people made the trip to the "ruins" in 212 groups, averaging 53.0 minutes per trip. There were 1714 visitors who made only a brief stop and did not see the "ruins"; we estimate that 70% of this group did see the museum.

Visitors of Note and Special Groups:

March 28, 1951 -- Congressional Subcommittee on Public Lands-- Interior and Insular Affairs-- for a trip to "ruins" and one of our unusual rain storms.

Miss. C. Mallett, Executive Secretary of the Museum of Northern Arizona, for a ruins visit.

everyone is either busy installing their cooler or making the necessary repairs and clean-up prior to installing their cooler.

Mr. Louis R. Darwin, Section Director of U.S. Weather Bureau at Phoenix, visited the monument March 26 for a routine check of our weather station. He found everything in good order except for a brand new sage green paint job which we had put on to keep the wood from weathering away. (They are going to send up some white paint to standardize things.)

Highest Maximum temperature this month	74°
Lowest Minimum temperature this month	40°
Total amount of rainfall this month	.02"

Visitors: The travel is starting to slow up; however, it is still heavier than last year for the same month. In round we had visitors from every state and territory except one; this month we had no visitors from Maine. We had foreign visitors from Denmark, Sweden, Norway, France, and Cross Britain. This is the best month that we have ever had with servicemen-- we had 22 of them.

	April	June
Visitors during April	4,088	3,[illegible]
Increase	279	
Visitors for Travel Year	23,[illegible]	24,088
Increase	3,[illegible]	
Servicemen in April	22	

Interpretive Service: A total of 1,[illegible] people took the trip to the "ruins" in 212 groups, averaging 20.7 minutes per trip. There were 1714 visitors who made only a brief stop and did not see the "ruins"; we estimate that 75% of this group did see the museum.

Visitors of Note and Special Group:

March 26, 1951 -- Congressional Subcommittee on Public Lands-- Interior and Insular Affairs-- for a trip to "ruins" and one of our nearest rain storms.

Miss. C. Mallett, Executive Secretary of the Museum of Northern Arizona, for a routine visit.

Mr. Louis R. Jurwitz, Section Director of the U.S. Weather Bureau at Phoenix, for a routine check of weather instruments.

March 29, 1951 -- Naturalist and Mrs. Harry C. Parker and family from Yosemite National Park for a "ruins" tour and a visit.

12 members of the Northwestern Mutual Life Insurance Convention and wives for a "ruins" visit as a side-light on their convention.

April 4, 1951 -- 33 6th graders from the Stanfield School, Stanfield, Arizona for a "ruins" and museum visit, plus a picnic lunch.

April 5, 1951 -- 29 7th graders from the Stanfield School, Stanfield Arizona for a "ruins" and museum visit.

April 6, 1951 -- 40 5th and 7th graders from Toltec District School, near Eloy, Arizona, for the "ruins" and museum trip.

April 14, 1951 -- 12 Girl Scouts from Troop 2, Coolidge, Arizona, for a "ruins" and museum trip, plus a weiner roast.

April 22, 1951 -- Dick Shutler of the Museum of Anthropology, University of California, Berkeley, California, for a museum and "ruins" visit.

Mr. Woody Spires, a former temporary Ranger here at Casa Grande, to look things over and talk about the "old days" at Casa Grande with the Superintendent.

April 23, 1951 -- Superintendent "Jimmy" Brewer and Mrs. Brewer from Tuzigoot National Monument for a quick "hello" to everyone on the monument.

Administration and Protection: There were twelve requests for information this month; all were answered the same day that they were received. The usual visit was made to the Adamsville site and everything was found to be in good order.

Personnel: Ranger James N. Clancy was on sick leave from April 6 to 16; he returned to duty on April 17 while still under the doctor's care. It would seem that he has a recurrence from an old injury which bothered his hip and right leg; the old injury goes back to his service when at Zion National Park. Even though it meant some doubling up for those on duty, we glad to report that "Jim" seems to be coming along fine now.

Mr. Louis E. Jordis, Section Director of the E.S. Weather Bureau at Phoenix, for a routine check of weather instruments.

March 25, 1951 -- Lieutenant and Mrs. Harry O. Parker and family from Yuma Marine Corps Air Station for a "Relax" tour and a visit.

12 members of the Northwestern Mutual Life Insurance Convention and wives for a "Relax" visit as a sightseeing on their convention.

April 4, 1951 -- 55 VFA graduates from the Marshall School, Phoenix, Arizona for a "Relax" and museum visit, plus a picnic lunch.

April 5, 1951 -- 25 VFA graduates from the Marshall School, Phoenix, Arizona for a "Relax" and museum visit.

April 6, 1951 -- 60 Job and PA graduates from Phoenix Elementary School, Mesa, Arizona, for the "Relax" and museum trip.

April 26, 1951 -- 12 Girl Scouts from Troop 2, Gilbert, Arizona, for a "Relax" and museum trip, plus a weiner roast.

April 28, 1951 -- Sixth Graders of the Museum of Anthropology, University of California, Berkeley, California, for a museum and "Relax" visit.

Mr. Hugh Spires, a former temporary Ranger here at Casa Grande, to look things over and talk about the "old days" at Casa Grande with the Superintendent.

April 30, 1951 -- Superintendent "Jimmy" Brown and Mrs. Brown from Tonto National Monument for a quick "hello" to everyone at the monument.

Administration and Protection: Days were twice repeated for interpretive talk months; all were numbered the same day the tours were repeated. The usual visit was made to the Alternate site and everything was found to be in good order.

Personnel: Ranger James E. Clancy was on sick leave from April 6 to 13; he returned to duty on April 17 while still under the doctor's care. It would seem that he had a recurrence from an old injury which fractured his hip and right leg. He did injury from to his service when at Zion National Park. Even though it seems some doubling up for those on duty, we did be report that "Jim" seems to be coming along fine now.

Maintenance: Twenty-three feet of four inch pipe and a new sucker rod were added to the well, we are now pumping from the 163 foot level. This is the last time that the present well can be lowered; from now on it will be a question of keeping our fingers crossed and living right.

The Maintenanceman was busy with the usual cleanup and normal maintenance work. The museum coolers which were cleaned and overhauled last winter were installed, and the heating stoves and fuel oil barrels were stored for the summer.

Wildlife: A male Arizona Hooded Oriole was seen by the Superintendent and the Ranger on April 23; it was perched on the Ocotillo by the museum, and the brillant yellow-and-black bird among the flaming scarlet Ocotillo made quite and impressive sight. This is the first time that this bird has been offically observed in this area.

Wildflowers and Cactii: The Hedgehog cactus and the Ocotillo, in front of the museum, have done their usual good job of giving the visitor a spectacular sight and a "easy" chance to get photographs. The Palo Verde and the Creosote are in full bloom, and the Squawberry bush has decided to live up to its name and it now has berries on it.

A. T. Bicknell
Superintendent

Maintenance: Twenty-three feet of four inch pipe and a few scales are now added to the well, as are new gaskets from the 1M from level. This is the last time that the present well can be lowered; from now on it will be a question of keeping our figures around the little right.

The maintenance was busy with the usual cleaning and normal maintenance work. The engine cylinders were cleaned and overhauled last winter were installed, and the loading cleaver and fuel oil barrels were stored for the summer.

Wildlife: A male Arctic Loon (Gavia arctica) was seen by the superintendent and the Ranger on April 27; it was joined on the Oovtillo by the cousin, and the brilliant yellow-and-black duck among the Pintail ducks Oovtillo made quite and interesting sight. This is the first time that this bird has been officially observed in this area.

Buildings and Equip: The Bodylon cannon and the Oovtillo, in front of the museum, have been their usual good job of giving the visitor a spectacular sight and a "easy" chance to get photographs. The Pale Verde and the Pressure are in full bloom and the Quarry has decided to live up to its name and it now has berries on it.

A. T. Bidwell
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Chaco Canyon National Monument
Bloomfield, New Mexico

April 25, 1951

Memorandum

To: General Superintendent

From: Superintendent, Chaco Canyon

Subject: Report of Activities at Chaco Canyon National Monument during the Month of April, 1951

Weather Conditions

Extremely dry and windy weather has prevailed thruout the month with a few light, sporadic showers which brought a total of .35 inches of moisture for the month. On April 9 one of the worst dust storms recorded in recent years occurred. Temperatures were about normal with a Maximum of 78 degrees and a minimum of 15.

Administration

One trip was made to Farmington, New Mexico to confer with Architect Saunders on matters concerning the construction of new quarters. Regular administrative work has been kept fairly current and considerable time has been spent digging data for requests and reports from our files.

Mr. Jack Williams of Alamosa, Colorado was appointed to fill the NAC guide position and reported for duty on March 29.

Inspection trips were made to all of the outlying ruins except Pueblo Pintado.

Maintenance

Roads and trails maintenance has been carried on and the drainage on the big hill cleaned and deepened in spots. 14 new directional and traffic control signs have been constructed and four installed. Some new wrinkles were initiated in their construction and will be the subject of a later report. Considerable time and effort has been expended in cleanup of grounds and buildings along with minor repair of buildings and equipment. The high winds littered the area with tumble weeds and other trash. In spots sand dunes were built up a foot or two high.

Soil and Moisture

On April 2 a trip was made to Bernalillo to pick up 15,000 Peach-leaf willows. A crew of six Navaho laborers have completed the planting of these and installed one cable and tree jetty near the old CCC well. Common willow cuttings have been made and also used to supplement the other plantings in some strategic spots.

Travel

Road conditions are better than they have been for some time and a considerable increase in travel over previous periods is shown. Travel year to date shows an increase of 191 visitors over 1950.

Interpretive Services

With the establishment and filling of the WAE guide position better service has been rendered our visitors. 33 parties totalling 146 people were conducted thru the ruins. Orientation and Museum contacts totaled 136. Time spent by the guide and Superintendent in interpretive work totalled 54 hours.

Visitors

Dr. and Mrs. Thomas B. Noble Jr., of Indianapolis, Indiana.
Mr. and Mrs. Fred S. Gurley and party of the A.T.& S.F. Railway.
Mr. J. Mangles Brown, Director of Roads,etc. Office of Indian Affairs, Washington D.C.
Mr. Harold Johnson, Navajo Agency Road Supervisor
A.M. Sandbright, also of the Indian Service.

N.P.S. Officials

General Superintendent John M. Davis, Regional Engineer Lassiter, and Engineer Conn, April 23.

Approach Roads

The State highway Department has moved their equipment and evidently have completed their work on the north approach road for the present.

Mobile Unit.

Archeologist Aid Rixey has moved his crew and family to Aztec Ruins where stabilization work will continue.

Meredith M. Guillet
Superintendent

Fuel and Motives

On April 2 a trip was made by Darcellis to pick up 16,000 pounds-half million. A crew of six Bureau laborers have completed the planting of trees and installed one cable and tree jerry near the old BIC well. Cement mixer repairs have been made and also used to supplement the other activities in some alternate ways.

Travel

Road conditions are better than they have been for some time and a considerable increase in travel over previous periods is shown. Travel year to date shows an increase of 121 visitors over 1950.

Interpretive Program

With the establishment and filling of the air strip position better service has been rendered our visitors. 31 guides totalling 1,4 people were conducted thru the ruins. Educational and lecture contacts totaled 1,4. Time spent by the guide all interpretive in interpretive work totalled 5, hours.

Visitors

Dr. and Mrs. Thomas E. Wolfe Jr., of Indianapolis, Indiana.
Dr. and Mrs. Fred E. Dwight and party of the U.S.N. Bulkar.
Dr. G. Douglas Brown, director of Geology, Univ. of Illinois at Urbana, Champaign.
Dr. Verle Johnson, Navajo Agency Soil Conservation
A.H. Sandbright, also of the Indian service.

I.I.I. Criteria

General Superintendent John A. Davis, National Indian Service and Engineer Gomm, April 23.

Proposed Work

The Navajo Agency Department has moved their equipment and archaeology have completed their work on the north approach road for the present.

Radio Unit.

Technicians and Navajo Indians did some and finally in area. Some electrification work will continue.

Dwight L. Miller
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Chaco Canyon National Monument
Bloomfield, New Mexico

April 25, 1951

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Maintenance

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General Superintendent John M. Davis, Regional Engineer Lassiter, and Engineer Conn, April 23.

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Mobile Unit.

Archeologist Aid Rixey has moved his crew and family to Aztec Ruins where stabilization work will continue.

Meredith M. Guillet
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Chiricahua National Monument
Dos Cabezas, Arizona

April 25, 1951

Memorandum

To: General Superintendent

From: Superintendent, Chiricahua

Subject: Monthly Narrative Report

Following is a report of activities at Chiricahua for the month of April:

General. The Superintendent took three days sick leave, followed by five days annual leave, March 26 to April 4. During the annual leave he made a trip to Carlsbad Caverns to renew old acquaintances.

Weather Conditions. Weather has remained quite good with the usual spring winds. We have had three rainy spells since last report which slowed down travel some. 1.47 inches of rain has fallen since the last narrative report.

Maintenance. The Portal telephone line is being brushed out and repaired as time allows.

Approaches to Monument. Approach roads are all in about their average condition. The mountain road from Rodeo to the Monument has been passable for over a month.

Cooperating Governmental Agencies. Two changes have taken place in the personnel of the Coronado National Forest. Forest Supervisor Merker has been transferred to Santa Fe, and Supervisor Wood has taken his place on the Coronado. Ranger Duel Wave, whose District surrounds this Monument on three sides, is transferring to a forest in New Mexico and is being replaced by a Ranger Urban Post. Supervisor Wood has called at the Monument

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

and we hope to get acquainted with the new Ranger soon in order to continue our fire control cooperation.

Interpretive Service. 1250 visitors in 352 parties were contacted in the museum this month. 4 conducted hikes were taken with a total of 23 visitors and a total of 15 hours time. 1 lantern slide lecture was given in the museum to 10 visitors.

Travel. Travel dropped to 1403 as compared with 1575 for March and 1618 for April of last year. This leaves us about 6% behind last year, at this time. We are unable to account for all of this loss but hope for better luck for the rest of the year. Camper use continues to be heavy with 318 visitor days recorded for April as compared to 237 for the same month of 1950. This month brought 68 visitor days to the two neighboring guest ranches which is 47 more than April of last year.

Forest Fire Protection. Some Ranger time was given this month to the inspection of fire equipment.

On the 15th, a fire broke out on the lands of a neighbor of Chiricahua, Mr. Ellerby Riggs. Ranger Gaynard went to the scene and assisted in the control of the fire which burned over 200 acres of range land. Seven and one-half hours of Ranger time were thus donated, but in view of the necessity for maintaining a high degree of cooperation along our boundaries we considered it well spent. Mr. Riggs was most appreciative and we are certain of his cooperation in any fire suppression problem that may arise on the Monument.

Clair V. Cooke

Clair V. Cooke,
Superintendent.

and we hope to get acquainted with the new Budget soon in order to analyze our fire control requirements.

Improvements Inside. 1320 visitors in 317 parties were conducted by the rangers 1321 periods. A summer-time ticket was sold at a total of 17 visitors and a total of 13 hours time. 1 lantern slide lecture was given in the season to 15 visitors.

Travel. Travel dropped to 1417 as compared with 1777 for fiscal year 1931 for April of last year. This leaves us about 17 behind last year, as this time. We are unable to account for all of this loss but feel the bulk lies in the real of the year. Counter use continues to be heavy with 348 visitors logs recorded for April as compared to 337 for the same month of 1930. This usage results do relative ease to the ban prohibiting most private cars in Yosemite Valley of last year.

Forest Fire Protection. Some smoker hunt was given this month in the interpretation of fire regulations.

On the 22nd, a fire broke out in the lands of a resident of Chinatown, Mr. Elsing Tolgos. Ranger Eastman went to the scene and assisted in the control of the fire with loss under 300 acres of range land. Under our non-call zone of August this was the limit, but in view of the necessity for conducting a high degree of range utilization during our innovation in rotation we felt it well spent. Mr. Tolgos has been appreciative and we are proud of his cooperation in any fire suppression problem that may arise on his land.

Clyde A. Fitzwilliams
Clair B. Jones,
Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
El Morro National Monument
El Morro, New Mexico
April 25, 1941

Memorandum

To: General Superintendent

From: Superintendent, El Morro

Subject: Monthly Narrative Report

This month, there were 309 visitors who came in 115 automobiles. The weather, we believe, has resulted in the first drop in visitors in 9 months. There were 347 a year ago this month. There were only 31 guided trips. 34 persons went over the mesa top in 7 parties.

The weather has been cold, very windy and there have been several rains and snows. The warmest was 74 degrees and the coolest was 14 degrees Fahrenheit. There was .95 of an inch of moisture. The pool is still very low.

Thanks to our friend the technician, the radio is now back in condition. We have it beamed to the Regional Office and can usually hear them very well, but we can hear very few other stations. The Regional Office reports that they can usually hear us very well.

Yesterday, two ladies came out in a brand new car and took a tour around the Rock. When they were about to get back in the car, they discovered that they had locked the keys in it. The superintendent, after considerable effort, managed to get the car open without breaking a glass. They were two tickled people.

While we were gone, Cal Clawson worked on the concrete tables and fireplaces. He has them nearly all poured and today is working on a winch for the truck in order to move them into position.

The superintendent was gone 23 days on annual leave. During the trip which he took, he went by Cincinnati purposely and only to get measured for a uniform. He finally found the

street on which the uniform company is located. He decided to park the block before he reached the building, but found signs reading "No Parking between 9:00 a.m. and 5:00 p.m.". He decided to go on to the next block where the building, in which the uniform company has the 6th and 7th floors, was located. However, upon reaching that block, there were signs reading "No parking day or night". He looked across a very wide street and saw no parking places, so decided to go around the corner of the building to the right and park. He went around the corner, but found himself on a long bridge (the air was beginning to turn a little blue!). After crossing the bridge, he found himself on a turnpike with cars whizzing by in both directions and he could not turn to the right without falling into the river nor to the left because of a high embankment (the air was beginning to turn purple by this time). After going a mile or so on the turnpike, he found a turn-off to the left. He took this and went up a long steep hill and turned to the left, thus facing him towards his destination. At that point he turned to his wife and said "now, we will probably go through a park with no cross streets" which happened almost immediately!!! At last, he did get to the uniform company and get his measurements taken. Also on the trip, stopped by Hot Springs National Park, Fort Donelson and others and to see Cal Miller at Mammoth Cave and Perry Brown at Platt National Park.

Irving McNeil, Jr.
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

GREAT SAND DUNES NATIONAL MONUMENT
Alamosa, Colorado

April 25, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Great Sand Dunes

Subject: Superintendent's Narrative Report for April, 1951

Weather Conditions

Very poor for visitors but much improved for the country was the weather story for April. Persistent cold and windy weather on weekends held travel down considerably but the 0.95 inch of moisture, most of which came in one very wet snow on March 5, was quite welcome. Total moisture for the winter is still below normal throughout the mountains, however. The maximum for the month was 68 on April 23 and the minimum was 0 on April 11.

General Publicity

A picture of the Great Sand Dunes appeared in the March 10 edition of France Illustration. This is a Life-type, French picture publication.

Rehabilitation

The asphalt tile for the residence floors was finally received and has been installed in one bedroom. Paint has been removed preparatory to installation in the dining room and part of the front room. I expect to lay the tile in these rooms during May. Asphalt cove base for these rooms has not yet been received as the order could not be made until actual color of the tile was determined after its receipt.

Maintenance

The comfort stations at the checking station were opened up and water was brought into them and to the drinking fountain to the north of the checking station.

Estimates were made for the plumbing work on the expandable

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

GREAT SAND DUNES NATIONAL MONUMENT
Alamosa, Colorado

April 16, 1951

MEMORANDUM

To: Chief Naturalist, Southwestern Natural Monuments

From: Superintendent, Great Sand Dunes

Subject: Superintendent's Narrative Report for April, 1951

Visitor Activities

Very poor for visitors but good improvement for the country and the weather early for April. Prevailing cold and windy weather on weekends kept travel down considerably but the 2,00 visitors of visitors, most of which came in cars very, not more on March 2, you really believed. Total attendance for the winter is still below average throughout the monument, however. The weather for the month was as in April 30 and the minimum was 0 on April 12.

Journal Contribution

A picture of the dunes and lakes appeared in the March 12 edition of Frontier Illustrated. This is a life-type, Denver weekly publication.

Rehabilitation

The August title for the Professional Figure was finally granted and has been installed in the museum. Plans has been received preparatory to installation in the dining room and part of the front room. I expect to lay the title in these rooms during May. Contacts have for three rooms has not yet been received so the study should not be made until August prior of the site was delayed after its receipt.

Soil Conservation

The monthly statistics at the checking station were normal and the brought into and to the Archeologic Institute in Santa Fe for the checking station.

Estimates were made for the planting work on the approach.

trailer and materials were ordered last week. The job will be started this next week. We were particularly happy to receive the extra allotment of $200 for this work as the cost was almost twice that of my prior estimates.

The entrance road was graded twice and more cleanup along the roadside and particularly around the culverts was done incidentally with other jobs.

Approach Roads

Spring thaws did not affect the approach road to any great extent and it remains in good shape for that type of road.

Concessioner

Mr. A. W. Graves of Monte Vista, who has the horse concession, was here twice during the month getting ready for the summer activity. He plans to bring his horses in on May 15, the same as in previous years.

Co-operating Governmental Agencies

One trip was made to Monte Vista to talk with the Forest Service officials about the coming fire season and correspondence carried on with District Ranger Van Doren at Gardner concerning his fire organization plans for this year.

The Colorado State Historical Society has placed the Great Sand Dunes on their mailing list for the Colorado Magazine on an exchange basis.

Interpretive Services

Three talks outside the monument were given during the month as listed below.

The first was given to 23 members of the Costilla County Rotary Club at Blanca, Colorado on March 4. The subject was "History and Development of the National Park Service".

The second was given to 11 members of the Future Teachers of America organization of Adams State College at Alamosa, Colorado on March 5. The subject was "Desert Plants" illustrated by slides from Organ Pipe Cactus National Monument.

The third was given to 44 members of the Hooper Parent Teachers Association at Hooper, Colorado on March 23. The subject was "National Parks Wildlife" illustrated by the 16 mm. movie from the Region Three Office.

tunity and materials were ordered last week. The job will be started this week. We were particularly happy to receive the notes allotment of $200 for this work as the work was almost below that of my prior estimates.

The entrance road was graded twice and more clearing along the roadside and particularly around the cultivated was done incidentally with other jobs.

Concrete Work

During these ill not affect the concrete road to any great extent and it remains in good shape for that type of road.

Conservation

Mr. A. E. Graves of Santa Fiata, who has his home economics, was here during the week getting ready for the summer activity. He plans to bring his horses in on May 15. He was on it previous years.

Co-operative Conservation Meetings

The trip was made to Santa Fiata to talk with the forest service officials about the coming fire season and correspondence carried on with District Ranger Van Duran at Durango concerning his organization plans for this year.

The Colorado State Historical Society has given the Grant and Jones on their mailing list for the Colorado Magazine on an exchange basis.

Interpretive Services

Three talks outside the monument were given during the month as listed below.

The first was given to 30 members of the Cortlandt County History Club at Durango, Colorado on March 4. The subject was "History and Development of the National Park Service".

The second was given to 15 members of the Future Teachers of America organization of Ignacio State College at Ignacio, Colorado on March 8. The subject was "Desert Plants" illustrated by slides from the Mesa Verde National Monument.

The third was given to 45 members of the Durango Junior Women's Club at Durango, Colorado on March 12. The subject was "Desert Plants" illustrated by the 16 mm. movie from the Mesa Verde

Research and Observation

The snow on April 5 finally brought the deer down to lower elevations and a number of tracks have been seen just east of the checking station. A well gnawed deer carcass, death probably due to natural causes, was found in the canyon above Mosca Spring.

A Guide to Some Colorado Spiders was sent us for the library by the SWNM naturalists.

The first wood tick of the season was observed on April 21. Visitors are being warned to watch out for them.

Decrease in Travel

The 710 visitors during April were 273 less than were recorded in April of 1950. Cold and windy weekends contributed materially to the decrease.

Protection

A would-be wood hauler from Alamosa was intercepted on April 8 before he even had a chance to collect his load. The regulations were explained to him but no further action was taken.

Building Fire Protection

The annual inspection of fire hazards and an examination of fire extinguishers were made on April 23.

General

The San Luis Valley has become quite excited this month due to "wild-cat" oil drilling. Two different wells are being drilled at the present time, one in the vicinity of Hooper and another near Saguache. Prospects are considered to be quite favorable according to the newspaper accounts of the enterprise. ¿Quien sabe?

(SIGNED)

Glen T. Bean
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Gran Quivira National Monument,
Gran Quivira, New Mexico

April 25, 1951

Memorandum

To: General Superintendent

From: Superintendent, Gran Quivira

Subject: Monthly Narrative Report for April 1951

General. The Torrance County Singing Convention held it's annual get together at the village of Gran Quivira on April 22. About 150 people attended the day long festivities enjoying themselves by singing hymns, eating barbecue, and visiting in the vicinity.

Weather. This has been a warm but windy month. Temperatures have been very pleasant but extremely high winds have prevailed. Rain totalling .70 of an inch fell at headquarters with heavier rains reported both south and east of the monument.

NPS Visitors and Inspections. Erik Reed, Dale King, and Paul Balch on March 29 on excavation, interpretation, and soil conservation problems.

Jack Diehl, Region 3, for a short visit on April 12.

Regional Director Tillotson stopped in on April 5 for a brief inspection and visit.

Visitors. Major Tom Onstott and wife, formerly of Aztec Ruins National Monument, on the 7th.

Maintenance and Rehabilitation. The utilities project was completed during the month. A deep well rig was contracted to pull the 875' of drop pipe; pipe was cleaned out and new sucker rod replacements made. It is hoped that with the completion of this project no new troubles will arise for another ten years.

Ruins Stabilization. Archeologist Vivian and his crew continued work on the stabilization of San Buenaventura mission throughout the month. Walls are being thoroughly stabilized and drainage for the interior has been partially completed.

Excavation. Cleanout of the small Indian house mound directly south of San Isidro mission was begun during the month with

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Lake Quivira Estates Recreation,
Kansas City, Kansas

(June 8-9, 1965

Memorandum

To: Central Superintendent

From: Superintendent, Area Service

Subject: Preliminary Evaluation Report for April 1965

General. The Northern Energy Electric Generating Unit was opened for inspection at the village of Tom Quivira on April 20. About 150 people attended the by long Participation equipment exceeding to display space, noting varieties, was evident in the district.

Problems. This has been a very hot and windy month. Operations have been very pleasant and extremely high winds have prevailed. This activities, if it is like this in Lake Quivira also energy noise equipment this month and part of the weekend.

Site Visitors and Participation. Only Dave, Dale Vial, and Paul Dale in terms of on research, interpretation, and well administration problems.

Park Staff. During 3, for a short visit to Lake Ia.

Regional Director Ellington stopped in on April 6 for a brief inspection and visit.

Visitors. Major The Public and Park. Property of Lake Quivira Recreation Commerce, on the Tri.

Facilities and Equipment. The activities program was analyzed during the month. A map will the new activities to pull the city of Tom Quivira are almost not are nearly and recommendations made. It is hoped to see the inspection of this operation are trailers will arrive for replace the photo.

Data Availability. Photographic films and in-formation were on the availability of the interpretive display Department the month. Bill Lee being thoroughly acquainted the material and the Director has been partially overjoyed.

Operations. Element of the small Energy Tower water directly reach of the Lake Quivira station was begun during the month till

a local work crew of six men. Approximately 25 rooms have been exposed and an abundance of material has been uncovered. Acting Archeologist Francis Elmore has been working with Mr. Vivian the past 10 days cataloguing material and aiding in the dig.

Special Activities. Mr. Elmore addressed the Rotary Club at Mountainair on April 19. His 30 minute illustrated lecture, "National Monuments of New Mexico", was well received by the Club's 35 members.

Travel. Another travel increase is reported for this month. 333 persons in 88 cars visited, in comparison to 202 for April of 1950. Sunday, April 22, was the monuments heaviest travel day with 99 persons recorded visiting the museum and viewing the mission.

Interpretive Services. 88 percent of all visitors to the area were contacted this month. 54 parties of 277 people were conducted through the ruins for an average of 38 minutes per party. 22 parties of 56 persons used the self guiding pamphlet.

It has been interesting to note that much of the travel the last month or two has been people living within a radius of 75 miles of the monument. The recent excavation and ruins stabilization project seems to have revived local interest.

Personnel. The Superintendent took annual leave from April 16 to 23.

Six laborers were employed this month. Two of the six terminated their employment before the month ended.

Ray B. Ringenbach

Ray B. Ringenbach,
Superintendent

a local crew made up of men. Approximately 50 trees have been removed and an abundance of material has been accumulated. Piling brushes from Pensacola Beach have been working also on. Trying the past 10 days exclusively material and stacking in the [illegible].

Special Activities. Mr. Blaine addressed the Junior Club of Pensacola on April 19. His 35 minute illustrated lecture, "National Monuments of New Mexico", was well received by the Club's 30 members.

Travel. Another travel increase is reported for this month. 630 persons in 30 cars visited, in comparison to the April of 1950. Monday, April 23, was the Monument's busiest travel day with 37 persons recorded visiting the museum and viewing the displays.

Interpretive Service. 20 persons of all visitors to the area were contacted this month. Ten persons of 300 people were conducted through the ruins for an average of 30 minutes per party. 10 persons of 50 persons used the self guiding pamphlet.

It has been interesting to note that most of the travel the last month or two has been people living within a radius of 75 miles of the monument. The travel observation and this orientation program seems to have proven local interest.

Personnel. The Superintendent has secured leave from April 24 to 30.

Six laborers were employed this month. Two of the six terminated their employment before the month ended.

Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Montezuma Castle National Monument
Camp Verde, Arizona

April 25, 1951

Memorandum

To: General Superintendent

From: Superintendent, Montezuma Castle

Subject: Monthly narrative report, April 1951

Weather: As usual it has been good. Maximum temperatures are averaging in the mid 80's while minimum temperatures remain in the 40's. Showers throughout the month have given the area a total of 1.26 inches of rain. The maximum precipitation was recorded on April 19 when .52 inches of rain fell.

Travel: Travel remained steady throughout the month. Visitors numbering 3,231 in 949 cars visited the Castle, and 1,046 people in 303 cars saw the Well. This makes a total of 4,277 people and 1,252 cars to this area as compared to 5,061 people for April of last year. Decrease in visitors may be attributed to the fact that Easter vacation week occurred during the month of April last year.

Interpretation: During this report period, 930 people were conducted on 168 trips through the Castle. Approximately 2,500 visitors used the Sycamore trail and 3,000 saw the museum. At the Well, 254 people visited the museum and 1,046 hiked the Loop trail.

New number stakes constructed last winter by Archeologist White were placed along both the Montezuma Well Loop trail and the Sycamore trail.

As guest of the Cottonwood and Camp Verde Lions Clubs, Assistant Superintendent Garrison of Grand Canyon gave a very interesting and educational talk on the value of National Park Service areas to adjacent communities. This dinner meeting represented Charter night for both clubs and was held at Camp Verde. Over a hundred Valley folks attended.

Visitors: On April 4, Chief Electrician Joe Gaustad from Grand Canyon.

On April 7, Assistant Superintendent and Mrs. Garrison from Grand Canyon.

On April 7, 100 Catholic Youths from Flagstaff, Arizona.

Navajo National Monument
Tonalea, Arizona

April 28,1931

Memorandum

To: General Superintendent

From: Superintendent, Navajo

Subject: Monthly Narrative Report for April 1931

Travel: There were only 111 visitors this month compared to 114 a year ago. One day we had 46 visitors which constitutes a "big" day here.

Weather: April has blessed us with some nice warm days with the temperatures going to 72° on several occasions. On the other hand the monthly low was 13° and was accompanied by moderate winds that persisted for several days. The 16th through the 19th were miserable days of high wind and dust with cold temperatures. Rain and snow delivered .31 inches of moisture. Much more is needed to provide adequate grazing.

General: Some time was spent working on the water system. This water pump maintenance seems to be so continuous a task that reporting it seems a waste of time. If spare time presents itself this next month the entrance to the spring and the tunnel near the pump will be enlarged to make working on the pump more convenient.

A new section of trail was constructed at the end of Kendal Trail. It is now possible to view Betatakin from a point directly across the canyon from the ruin and not on an angle. The new trail parallels the canyon rim and leaps past the previously used view point.

The Caterpillar scarifier has been very useful in removing the sandstone from our approach road. The stone is very soft and easily crumbles under the teeth of the ripper.

The position of the ladder at Keet Seel Ruin was changed and the ladder has been permanently anchored.

Over one half of the new garage has been insulated. Navajo has been given $100.00 to complete the bedroom and garage addition. Some plumbing supplies were picked up at Grand Canyon to be used on this project and also in the ranger's house.

UNITED STATES

DEPARTMENT OF THE INTERIOR

Inspections: A trip was made to Inscription House Ruin.

NPS Visitors: Ranger Louis C. Park and family, from Death Valley National Monument are enjoying the cool northern Arizona climate and Navajo's spectacular ruins.

April 27, 1949

Memorandum

To: General Superintendent

John A. Aubuchon
Superintendent

From: Superintendent

Subject: Monthly Narrative Report for April 1949

Weather

The spring weather remains pleasant with no real hot days so far. High temperature for the month was 85° on the 24th with a low of 28° on the 1st.

A total of one and three tenths inches of rain fell on the 4th and 5th. The rains came too late for annual flowers but perennials and shrubs produced a quite useful heart and the desert is in very good condition.

General Activities

While on a routine trip to Tucson the Superintendent and Ranger Lathey contacted Paul Ezell concerning his recent employment as the maintenance man. Ezell will perform archaeological reconnaissance and survey work in this area.

Bill Hayes, National Park Service friend and author of Desert Magic, was also contacted in Tucson. As a token in rare publications he has offered to assist us in securing texts for the monument library.

Approaches to the Area

The long awaited completion of the Tuba-Oljato road was realized this month when the last gap was surfaced and opened for travel.

Improvements on the monument highway by the County Highway Department included a rather unique bridge. This should be a great help and reduce some of the hazards on this road.

Conferences

Our usual visitors with a few being billed on the highway occurred April 5th.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Organ Pipe Cactus National Monument
Ajo, Arizona

April 25, 1951

Memorandum

To: General Superintendent

From: Superintendent

Subject: Monthly Narrative Report lml for April 1951

Weather

The spring weather remains pleasant with no real hot days so far. High temperature for the month was 95° on the 13th with a low of 36° on the 1st.

A total of one and three tenths inches of rain fell on the 4th and 6th. The rains came too late for annual flowers but perennials and cactus received a much needed boost and the desert is in very good condition.

Special Activities

While on a routine trip to Tucson the Superintendent and Ranger Leding contacted Paul Ezell concerning his recent appointment as NPS collaborator. Ezell will perform archaeological reconnaissance and survey work in this area.

Bill Carr, National Park Service friend and author of DESERT PARADE, was also contacted in Tucson. As a dealer in rare publications he has offered to assist us in securing books for the monument library.

Approaches to the Area

The long awaited completion of the Tucson-Ajo road was realized this month when the last gap was surfaced and opened for travel.

Improvements on the monument highway by the County Highway Department included a center stripe. This should be a great help and reduce some of the many wrecks on this road.

Accidents

Our usual accident with a cow being killed on the highway occurred April 20.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Grand Teton National Monument
Moran, Wyoming

April 20, 1951

Memorandum

To: General Superintendent

From: Superintendent

Subject: Monthly Narrative Report for April 1951

Weather

The spring weather remains pleasant with no real hot days so far. Only temperatures for the month was 82° on the 13th with a low of 24° on the 1st.

A total of two and three tenths inches of rain fell on the 4th and 5th. The moisture came too late for annual flowers but perennials and shrubs received a good soaking and the desert is in very good condition.

Special Activities

Office on a regular trip to Tetons for supplies and heavy lifting arranged and really accomplishing his regular assignment as GTN maintenance. Still will continue without adequate preparations and worry much in this area.

Bill Curry, National Park Service Fire and Safety of Yellowstone, was also stationed in Moran. He a member of fire publications he has offered to assist us in arranging items for the museum library.

Improvements in the Park

The long awaited improvements of the Teton-Moran road was realized this month when the last gap was surfaced and opened for travel.

Improvements on the museum display in the Moran Entrance Station included a water fountain. This should be a great help and relieve some of the long waiting in this

Interpretation

Our Ranger assistant with a new baby arrived in the Moran area on April 20.

Ranger Service

Patrol trips were made to the Bates Well area, Bull Pasture in the Ajos, Diablo Canyon, and the petroglyph rock area east of K.no Peak in the Gorwlers. Assorted archaeological and botanical collections were made on all these trips.

Travel

Visitor travel is on the decrease through this section. This trent is normal for this time of the year. Week ends are still busy as state residers begin to have time for sightseeing.

Maintenance

Hard rains in parts of the area necessitated grading our dirt roads and repairing some washed out dips that had been impassable.

New Projects

Work on the Soil & Moisture Control program has been started with a small labor crew.

Foundations and floors were run for the metal power building and radio room on the office.

The rangers made a trip to Phoenix to purchase lumber, wall board, and other materials for the office addition.

Radio equipment for our FM intra-area set-up is starting to arrive but little progress can be made toward installation until all is here.

William R. Supernaugh
Superintendent

Davis

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Saguaro National Monument
Tucson, Arizona

April 25, 1951

Memorandum

To: General Superintendent

From: Superintendent, Saguaro

Subject: Report lml, April 1951

General

More genuine Springtime weather characterized the month of April. The weather was warm and pleasant. Two good rains coming in periods near the beginning and end of the month have tended to alleviate drought conditions in the area. The forested area is in much better condition in regard to precipitation than it was last year at this time.

The water tanks at Madrona Ranger Station have been pumped full during the month. Chiminea Creek continues to run and prospects are good that it will continue long enough so no water wil need be hauled during the early Summer.

A number of plants flowered in April. The creosote bush, brittle bush, and desert marigolds were most in evidence, and their yellow was harmonized with the pink of the hedgehog cactus.

Travel seems to have taken a slight dip this month. Visitation showed a decrease from last month and also from April one year ago.

Temperatures ranged from a high of 81° on April 15 to a low of 42° on April 6 at headquarters.

Special Activities

Dr. Kyle Sowls of the U.S. Fish and Wildlife Service commenced making collections of coyote scats in the forested area to continue the studies of Mr. Lowell Sumner on the food habits of the coyote. Mr. Sumner recommended that further study be undertaken since winter food habits may differ from those of other seasons of the year. Dr. Sowls' first trip to the forested area was spent clearing the trails of scats. On his second trip, he began actual collections.

Status of Private Lands

The State of Arizona submitted another informal list of lands which it desires to obtain in exchange for lands within monument boundaries. This list included two sections of land in Saguaro which were never included in previous proposals. This will completely clear the State of any holdings in this area. The Service has agreed to extend grazing priveleges to these additional sections.

The Hughes Tool Co. is buying up large tracts of lands at an unprecedented rate in the Tucson area. This has caused one holder of private land within the monument to remove his property from the market and a second property owner has indicated that he may be forced to sell to a private party even though he would rather see his land included in the monument.

Maintenance

The following trails were completely rehabilitated during April; Spud Rock Cabin - Patrol Trail via Italian Ranch intersection; Spud Rock Cabin - Mud Springs - intersection with Happy Valley Saddle, telephone trail; Spud Rock Cabin to Pasture Gate on Manning Camp Trail.

Patrol Trail, Mica Tower, and Manning Camp to Spud Rock Cabin was cleared of all obstructions.

Various maintenance was performed on pack and saddle equipment in preparation for the comong fire season.

One hundred twenty five yards of fill were added to rough portions of the Cactus Looproad during the month. The road was graded at various times and is now in good condition.

Approaches to Park Area

The Broadway approach road was graded once during the previous month and is in rough condition at present.

No further work has been accomplished on the Spanish Trail approach road. Right away must still be obtained through one section of land before work will be continued.

Interpretive Services

A total of 2,907 persons in 782 parties were given interpretive service at headquarters. This amounted to a total of 215 hours for an average of 16 minutes per party.

Research and Observation

March 31, - Four white-tail deer at Spud Rock Cabin.
April 3, - Six white-tail deer near Spud Rock Cabin.
" 6, - First White-winged Dove of season at headquarters.
" 9, - First Hedgehog Cactus in bloom at headquarters.
" 15, - Twenty javalinas on loop road.
" 21, - First Prickly Pear blossom at headquarters.

Decrease in Travel

A total of 4,554 persons visited Saguaro National Monument in April. This represents a decrease of 599 visitors from last month and a decrease of 279 visitors from the corresponding month one year ago.

Visitors

March 29, Associate Naturalist Harry Parker and Family, Yosemite National Park.
April 6, A group of 40 children of the Sixth grade from Amphitheater Schools, Tucson, Arizona.
" 12, Dr. and Mrs. Nadir Giannitrapani, staff, Tumanita Daily, Milan, Italy.
" 13, Dr. Homer L. Shantz and wife, former President of Univ. of Arizona.
" 15, Chief Ranger Lou Halleck and family, Crater Lake National Park.
Ranger Bob White, Yosemite National Park.
" 17, Dr. Lyle Sowls, U.S. Fish and Wildlife Service.
" 19, Dr. and Mrs. Robert Craig, College of Forestry, Univ. of Michigan.

Ranger Service

Seasonal Ranger Wendell Bryce received orders to report for pre-induction physical. Mr. Bryce is in the Army reserve.

Forest Fire Control

Fire tool caches were placed at all secondary lookouts. Fire tools were rehabilitated and the equipment shed was put in order.

Local ranchers were contacted in regards to the amount and kind of stock available for our use in the event of a fire emergency.

New batteries were installed in all telephones. The telephone line was cleared of all obstructions and all phone were tested.

Transport and Communication

Total 12, - Four [illegible] used in Food Food [illegible].
Lists 7, - Six [illegible] that each Food Food [illegible].
" 8, - Fifty [illegible] Lists or [illegible] a [illegible].
" 9, - Five [illegible] [illegible] in Tokyo at [illegible].
" 10, - Three [illegible] in Food [illegible].
" 11, - Five [illegible] [illegible] [illegible] in [illegible].

Instance of Travel

[illegible] of [illegible], [illegible] [illegible] [illegible]

The Saguaro Fire Training School will be held on June 13 and 14. At present, it is planned to have one or more personnel from the Washington Office to assist as instructors.

Ranger Zerbey will attend the Regional Fire Training Conference at Bryce Canyon.

Accidents

On the morning of April 10, the Superintendent was about to shave when the wash basin gave up and plummeted to the floor breaking into a thousand pieces. A new pedestal type stand was purchased in replacement. Moral: One close shave in the morning is enough.

Personnel

Trail Laborer Pat O'Brien entered on duty April 9.

Samuel A. King
Superintendent

The Square Pine Training School will be held on June 11 and 12. If present, it is planned to have one or more persons from the Washington office to assist in instruction.

Roger Carter will attend the Regional Pine Training Conference at Terre Haute.

Activity

On the morning of April 10, the Superintendent was shown in where the work basin grew up and planted to the Pinus strobus lake a thousand pines. A new pathetic type plant was introduced in replacement. Shortly one close where in the morning is needed.

Personnel

Trail labor put forth entered on duty April 9.

Samuel A. Ryan
Superintendent

The Sequoia Fire Training School will be held on June 13 and 14. At present, it is planned to have one or more groups from the Washington Office to assist as instructors.

Tahoe District will travel the regional fire training instructors at Zero Camp.

Incidents

On the morning of April 10, the superintendent had occasion to move the work boat from -Ad plunkett to the Tuner creeking line a thousand pieces. A new pedestal type wheel was purchased it replacement. Total: One close entry in the meeting is needed.

Personnel

Noel Lamer the Ranger entered on duty April 9.

Lowell A. Ellis
Superintendent

VIEW OF OLD SPANISH TRAIL APPROACH ROAD - SAGUARO NATIONAL MONUMENT

VIEW FROM OLD SPANISH TRAIL APPROACH ROAD - SAGUARO NATIONAL MONUMENT

VIEW FROM OLD SPANISH TRAIL AT THE POINT WHERE
ROAD INTERSECTS MONUMENT BOUNDARY

VIEW FROM OLD SPANISH TRAIL TOWARD SAGUARO
NATIONAL MONUMENT HEADQUARTERS

VIEW FROM MONUMENT HEADQUARTERS SHOWING INTERSECTION
OF OLD SPANISH TRAIL APPROACH ROAD.

RANGERS CONTACTING VISITORS - SAGUARO NATIONAL MONUMENT

RANGERS CONTACTING VISITORS - SAGUARO NATIONAL MONUMENT

HEADQUARTERS INTERPRETIVE STATION - SAGUARO NATIONAL MONUMENT

VISITOR USE OF HEADQUARTERS STATION - SAGUARO

HEADQUARTERS PARKING AREA - SAGUARO

HEADQUARTERS PARKING AREA - SAGUARO

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Tonto National Monument
Roosevelt, Arizona

April 30, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Tonto

Subject: Narrative Report, lml, Tonto, April 1951

Weather: A few rains in April, about 2.15 inches, relieved the drought somewhat, brought out a good wildflower blooming season, and made the ranchers happy.

Roads. Good most of the month. Ab Sanders, State Highway Department, bladed the entrance road after the last rain, so it is in good condition.

Visitors. Mr. & Mrs. Weldon Heald, of Painted Canyon Ranch, Portal, Arizona. Mr. Heald was collecting material for an article on Tonto for Desert Magazine.

Superintendent & Mrs. John Aubuchon of Navajo National Monument,.

Mr. & Mrs. Henry Viklund and Paul Buss, of Flagstaff.

Personnel. Archaeologist Pierson & family transferred to Montezuma Castle on April 5, 1951. They had been here almost 3 years since their transfer from Aztec Ruins.

Seasonal Ranger Robert H. Viklund finished his assignment here and was terminated c. o. b. April 28, and left for Sunset Crater for the summer.

Eugene F. Cook was hired as laborer-leadman April 25, for about a three weeks job on trail work.

Inspections. General Superintendent Davis, Regional Engineer Lassiter, Engineer Jerome Miller, and Regional Landscape Architect Cornell were in for a short inspection, April 25.

Flora & Fauna. April rains brought out a good variety of flowers, and the hedgehog cactus & ocotillo are blooming. This is the best month of the year for the visitors, with dozens of wildflower species out, resurrection plants green, and weather generally pleasant. The interpretation of the cliff dwelling trail with numbered stakes & leaflets has aroused much interest and made the trip easier for the visitors, as they do not hurry so much.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Tumacacori National Monument
Tumacacori, Arizona

April 25, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Tumacacori

Subject: Superintendent's Monthly Narrative Report for April, 1951

Weather: Temperature ranged from a maximum of 92 on April 23 to a minimum of 29 on March 29. Precipitation was .74", compared with a 13 year average for the month of .336". Several showers brought this total, refreshing the country but not really soaking much of it.

Visitor Travel: This month: 4,596
Highest previous April: 4,850 for 1939.
Last twelve months - -: 36,145

April of 1939 was the month the museum here was dedicated, and the function drew huge crowds. Excepting that month, the highest previous April was for 1949, with 2,825 visitors - only 61.4% of the current April.

Visitors: March 28 - Louis R. Jurwitz, U.S. Weather Bureau head for the state of Arizona.
March 29 - A Sierrita, Arizona, school group of 13.
March 30 - Superintendent and Mrs. Sam King, of Saguaro National Monument, brought in Mr. and Mrs. Harry C. Parker and family, of Yosemite National Park.
March 31 - Tucson Festival of Arts sent a group of 17.
April 4 - Mr. Juan Urriga, Director, Spanish language center of San Francisco.
April 22 - Arizona Sunshine School, Tucson, sent 17.

Interpretive Service: 1,737 persons went on 279 guided trips through the mission church and grounds, receiving an average of 37.69 minutes per trip. 4,430 persons received combined Information and Interpretation service, and 4,384 saw the museum and patio garden.

Museum and Education: Ranger Shirley has spent free time this month in seeing that all library books are correctly classified by the Dewey Decimal System, entering previously unentered books, and arranging books in the shelves according to the classification order.

Ranger Henson has pressed in triplicate 20 new plant specimens for our nascent herbarium collection.

Maintenance: Routine maintenance was kept current. The largest job of the month was re-painting the interior of the museum. As a preliminary to the painting Ollie Barney had to devise a method of his own, much superior to any previous attempts, for stopping the many light leaks around our furred-in wall cases. Then big and very rough boards, hinged over the cases to allow access to light fixtures above them, made extremely rough looking by some predecessor here in an apparent attempt to get an "arty" or "rustic" look, were worked over with Textone, which is a marvelous filler for rough spots, and finally given Texolite. All museum woodwork above the wainscoting was painted the same very light blue that the plastered walls received, and the brown wainscoting was partially re-painted. The result is the best appearance we have seen in the museum.

A sturdy box was made for fastening into the pickup truck bed, a removable box which can be used for locking up property carried on field trips. More grounds work, including planting of additional seedlings of the Bird of Paradise, some chili plants in the east side of the garden, some planting of Dwarf zinnias, planting of two new agave plants in the cactus garden, and replacement of a huge dying Maguey on front of the museum with a younger one which is vigorous. It may appear slightly peculiar to visitors coming back to see in place of the huge Maguey a comparatively tiny specimen in the same spot, but there will doubtless be some wag to inform other members of his party that the original plant has shrunk because of drowth. A fine Pyracantha lewisi in the garden, badly infested with cottony chshion scale, was given a spraying with the highly poisonous Vapotone XX. A couple of sick Myrtles have been given a Spring tonic and seem to be snapping out of it. A lot of dead mesquite growth has been pruned from cemetery mesquites.

First Aid: On the night of March 31 Ranger Henson and Betty Jackson responded to a first aid call on the highway a short distance south of the monument. Nobody was killed, and first aid had already been tendered. Incidentally, there is a young highway patrolman in this county who is taking his job very seriously. He gives speeding tickets to rich and poor alike, and anybody involved in a wreck, if at fault, gets a complaint sworn out against him for reckless driving. Residents of the county are becoming acutely aware that there is a speed limit, and that their cars must be in safe operating condition.

Archaeological Research: On April 23 Archaeologist Sallie Brewer, of the Region Three Office, started a small crew of pick and shovel men at the task of test trenching a narrow strip of ground along our west boundary. This is to ascertain if there are sites of historical or archaeological significance in a portion of the monument which may become part of the State Highway Departments right of way easement for highway improvement. Considerable trenching has been done in the two days before this report is written, with mostly negative results so far, although there is one peculiar alignment of stone and burnt adobe which is to be investigated further.

General: Monument affairs continue to tick along very busily, with lots of visitors, and some quite interested ones. Everything appears to me to be going well.

Earl Jackson
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

TUZIGOOT NATIONAL MONUMENT
CLARKDALE, ARIZONA

April 25, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Tuzigoot

Subject: Report lml, April 1951

There follows a narrative report of activities in this area.

VISITORS

1892 visitors in 636 cars. This compares with 2482 visitors for April 1950. 1704 visitors in 585 parties were contacted and oriented in the museum. 1805 visitors in 614 parties made the trip through the ruins. 100% of our 8-12, 1-5 visitors were contacted.

N.P.S. VISITORS

Ranger Art White of Montezuma Well on a busman's holiday the 4th.
Ranger Lloyd and Mrs. Pierson erstwhile Aztec and Tonto rangers now of Montezuma Castle, on the 9th.
Maintenance Man Joe and Mrs. Bean, Wupatki, on April 14.

OTHER AGENCY VISITORS

Dr. and Mrs. H. G. Crecelius, Arizona State Department of Health, on March 31.
Mr. and Mrs. C. L. Brunk, Inyo National Forest, Bishop, California, on March 31. The Brunk's are old friends from Organ Pipe Cactus National Monument.
Ranger and Mrs. Mark Jones, Prescott National Forest, Clarkdale, accompanied by Forester and Mrs. Gordon Bade, Williams, Arizona, on April 14.

REPORTWORTHY VISITORS

Mr. Ralph Gray, veteran Park/Monument traveler and photographer extraordinary and friend indeed visited here on April 15.

ORGANIZED VISITORS

Boy Scout Troop 23 of Jerome comprising 8 boys, on March 31.

[illegible] Cayuga-Seneca party of 12 on the 11th.

[illegible]

The following letter written by the Superintendent and co-signed by Mr. Jack Jones, [illegible] Ranger [illegible], was published in the "Niagara Independent" on April 6, 1961:

"Vandalism: A Letter to the Parents in the Niagara Falling
"Last week the Niagara Falling suffered an epidemic of vandalism.
Vandalism is the willful destruction or defacement of anything of beauty. The term vandalism has been employed to include all property.
The motive, destruction or defacement of any real sign is vandalism. Even real signs be directional markers are property of the federal government, vandalism is punishable by 30 days in jail and a $500.00 fine.
In the night of March 22 three real signs were laboriously destroyed. Two of these signs were property of federal agencies. The vandals were apprehended on the 12th and by their own confessions were subject to 30 days in jail and a $500.00 fine.
These boys were sent out and released. Because they were first offenders they were released after the authorities of their city and we explained to them.
It is the purpose of this letter to have all parents in the Niagara Falling realize the law and the penalty to their children.
Every possible effort will be made to apprehend the perpetrators of vandalism in the future."

(Signed) Mary T. Jones, [illegible] Parent Service
G. R. Fryer, Sr., National Park Service.

In the 11th a party of Indians arriving at noon requested lunch to the director of signs at the Prospect Ranger Station from I.R.C. Indian from Tuscaro. They had difficulty deciding which road has to Tuscaro. The superintendent retrieved the real turn on his lunch hour and discovered all of the signs on the road had been laboriously vandalized. A representative of the area provided enough evidence for identification to enable police also to land to the vandals.
The vandals were turned over to Deputy Sheriff [illegible] of Niagara Falls through the assistance of the Lewiston on the 20th. Each lodged complaint against somewhere each man. After a hearing conducted by the Superintendent the boys were taken back to Niagara by the Sheriff. The minutes later they were back at the Museum with a full confession. The Sheriff returned and took custody of the boys. Later with their parents the boys the law and sought to further minimize the way special boys were related.
At 4:15 P.M. on Monday the 1st a group call relayed through the Niagara Falling Laundry-Dan from Ga. Sheriff who lives in the Lewis

Mansion told us that some young fellows were stoning our new signs.

We rushed down to the Sycamore Fork but the youngsters were gone (two minutes after the call came in). There were footprints on top of the sign but no stone scars. We expressed our appreciation of their cooperation by routing a small roadside directional sign reading: Verde Valley Country Club.

IMPROVEMENTS (PLANNING)

A Museum Prospectus, a fine document of 37 pages was prepared by Archeologist Richert and submitted to the Region Three Office on March 29. Contingent upon regional planning is the exact Museum Exhibit Plan for Tuzigoot. When the regional plan coordinating the local museums is received, Archeologist Richert will complete the museum exhibit plan for this area.

The Superintendent is preparing an interim plan for rearrangement of the museum exhibits employing the existing facilities. This plan intends to put some continuity into the story of Tuzigoot and change the present setup of multitudinous labels illustrated by artifacts into a less interrupted presentation of Pueblo (Sinagua) life at Tuzigoot. The plan will be submitted to your office for approval.

IMPROVEMENTS (PHYSICAL)

The oil furnace blower was dismantled and reconditioned by the Superintendent on the 27th.

Two new routed roadside directional signs were installed on the entrance road at the Sycamore Canyon fork 1.5 miles from the museum on the 28th. (see VANDALISM)

A new large and deep fence post was set at the back gate and equipped with a gravity gate fastener.

The unsightly sun-faded cloth "No Hunting" signs were removed from the fence posts at the entrance.

Construction of the wood steps down from Room 22 was started on the 30th. Some difficulty was encountered by the discovery of a projecting rock ledge. Instead of one landing between two long flights it became necessary to build three flights and two landings. The shorter flights add considerably to the safety factor.

Material for this job was purchased before the detail plan for the steps to Room 14 was received. Upon receipt of the plan we observed that the step mountings had been changed from the verbal specifications for wood to angle iron. We were able to locate some suitable angle iron and we constructed this step job with the improved method. It was also noted that the step plan recommends stain to match the rocks. These items not considered in the appropriation are expensive.

While completing the grading at top and bottoms of the steps we were advised to add an intermediate rail for the safety of children.

Following completion of the steps on April 14, the trail was swept clean of all loose gravel, the trail closed sign was removed and the circuit reopened.

Marion Lift so that some young fellows were standing one day alone.

We rushed down to the Governor Tech but the prospectors were gone (ten minutes after the mail came in). There were footprints on top of the slope for no other score. We expressed our appreciation of their courtesy by presenting a small realistic diversional slope rescuing Tech Valley Country Club.

Instructions (Engineer)

A Bureau Prospectus, office document of 27 pages was prepared by highlight figures and submitted to the Region three weeks in advance. Instructions upon regional planning in the area Bureau Tech's Plan Twelve. When the regional plan overlapping the local between is received, Industrial Bureau will complete the master activity plan for this area.

The departmental is preparing an labor's plan for recreation or the manpower activities supplying the existing facilities. This plan labors is yet some continuity into the study of Twelve and change the phases of multi-purpose lands introduced by existing tax a free [illegible] project presentation of Tech [illegible] [illegible] is realized. The plan will be submitted to your office for approval.

Instructions (Engineer)

The old Bureau tower was dismantled and reconstructed by the Superintendent on the site.

Two new model realistic diversional slope were installed on the mountain road at the Governor Tech's [illegible] from the mountain on the site. (see DIVERSION)

A new large and deep floor pool was put at the base and equipped with a gravity gate fastener.

The realistic one-foot slope "in testing" slope were removed from the three peaks at the mountain.

Restoration of the road where down from Bureau it was started by the Tech. Some difficulty was encountered by the discovery of a prospecting road large. Instead of one hunting tower two long rights of [illegible] necessary to build three rights one for hunting. The another rights are considerably to the safety factor.

Material for this job was produced before for actual job for the slope to have it was required. Upon receipt of the plan we observed that the area problems had been changed from the model [illegible] for and to single lane. The more site to hands some [illegible] and we instructed this day job also the improved method. It has plan model that the slope plan recommends which to serve the rules. These items not considered in the supervisation are examples.

Until completed the grading at top and bottom of the slope we have asked to act as instructions will for the safety of [illegible].

Following completion of the slope on April 14, the trail was open alone of all large groups, the trail street slip-ins removed and the street removed.

The empty 5 gallon oil cans were shaped into waste baskets and given two coats of yellow enamel. These replace paper cartons used for trash receptacles and the obvious fire hazard is reduced.

The bedroom in the residence was repainted on the 18th by the Superintendent. Three walls Berkshire Green (Satin Spred) and one wall Sunshine Yellow (Texolite).

New home-made valences and drapes were installed as soon as the paint dried.

Lower cabinets and baseboards in the kitchen were painted a Tile Red Deck Enamel shade that harmonizes with both the tile red floor and the bright red counter top. Much of this painting was done by the HSWP.

Work was started on the excavation of the sewer line on the 18th. This line is found to be covered by almost 7 feet of loose cascading sand and rock at the revetment wall. This is considerably more excavating than was expected.

A fine rain on the 19th prevented any outside work so we knocked out the routed number stakes for the guided trail.

PERSONNEL

Superintendent Brewer has been on annual leave since April 21, 1951.

J. W. Brewer, Jr.

J. W. Brewer, Jr.,
Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Walnut Canyon National Monument
Flagstaff, Arizona

April 25, 1951

Memorandum

To: General Superintendent

From: Superintendent, Walnut Canyon

Subject: Monthly Report, April, 1951

Visitors this month, 1769; travel year to date, 7992.

Weather Dry weather was creating a fire hazard over all the forest until we had more than one-half inch of rain in mid-April. This reduced the fire hazard and should bring out a good showing of annual plants.

Administration Efforts are being made to acquaint Ranger Spangle with this area and with all details of monument administration.

Personnel The superintendent's daughter came down with mumps March 27 and since Friday, April 13, Mrs. Hastings has been in bed with the same disease.

Ranger Lawrence D. Wilde, Jr. moved to Tucson on March 28 after being recalled to the Air Force.

Paul F. Spangle reported for duty on April 15 following his transfer from Blue Ridge Parkway. Mr. Spangle has worked at Casa Grande and spent several seasons at Grand Canyon. We are glad to welcome the Spangles teturn to the Southwest.

Use of Monument Facilities by The Public There were 1769 visitors who came in 600 cars. This is a decrease of 107 visitors over the same period last year. Contact was made with 464 parties totaling 1396 visitors. There were 555 parties including 1637 visitors in the museum. Picnickers totaled 143 people in 24 parties. There were 15 visitors in the Armed Forces.

Maintenance and Improvements A dead pinyon tree along the entrance road was removed.

The small bedroom in Residence No. 2 was cleaned and re-painted and the floors of both bathroom and kitchen were repainted. The sink drainboards at both residences were sanded and re-varnished

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Mount Rainier National Monument
Longmire, Washington

April 26, 1951

Memorandum

To: Regional Interpretation

From: Superintendent, Mount Rainier

Subject: Monthly Report, April, 1951

Visitors this month, 3,737; Record year to date, 7,772.

Weather: Dry weather was prevailing a fine season over all the forest until an hour-long rain occurred just at this is dry-month. This relieved the fire hazard and should bring out a good showing of annual plants.

Interpretation: Efforts are being made to organize Junior Rangers with this area and with all schools at elementary participation.

Programs: The superintendent's lecture was given with usual success at and about Ipsut, April 21, Mrs. Hamilton has been in the all the same attendance.

Ranger Lawrence E. Tilton, Jr. moved to Tacoma on April 20 after being resident in the old Ipsut.

Paul T. Spangle reported for duty as ranger in Paradise. His transfer from Blue Ridge District. Mr. Spangle has worked at Lake Tahoe and spent several months at Sequoia Forest. We are glad to welcome our promising lad to the Department.

Use of Emergency Facilities by the Public: There were five visitors who came in our area. This is a decrease of 20 visitors over the same period last year. Instant was made with the various tabulating machines. There were 800 persons inquiring into visitors to the area. Approximately twelve hundred people in 25 vehicles. There were no accidents in the Mount Tacoma.

Fish Planting and Management: A full report from along the entrance [illegible]

[illegible] Fish culture in Washington Co. I not planted but re-planted and the floor of both hatcheries and ponds were repaired. The area fingerlings in both hatcheries were packed and transplanted

and new calking was installed around the drainboard at Residence No. 2. The bathroom floor at Residence No. 1 was re-painted.

Interpretation A new printing of Island Trail guide pamphlets was placed in use during the month. The slick paper cover on the new edition should help prevent the pamphlets from being soiled and damaged while in use.

A shipment of 100 copies of Flowers of the Southwest Deserts was received and placed on sale.

On April 13 four boys were aprehended after the change box for self-service sales was cleaned out during the noon hour. After considerable questioning the boys gave up all the fifty cents which had been removed.

Protection Several score of names and initials were obliterated or removed along the Island Trail where dates as early as 1919 were found. Equal parts of hydrochloric acid and water was used with some success but most of the names were removed by rubbing the cliff with fragments of rock and then going over it with a wire brush. After removal of the names, the sign reading "No more names or initials, please" was taken away, and with no reminder, we hope that fewer names will be left.

The water system for the picnic ground was turned on and the fire buckets and barrel kept on the area were re-filled.

A metal fire tool box has been received from the Forest Service and plans are being made to install it on the south side of Walnut Canyon

Equipment An air leak in the oil line for the furnace in the superintendent's quarters caused the furnace to stop running each night. Eventually the leak was located and corrected.

A double drum gasoline powered hoist was received. This was checked and placed in operating condition by a mechanic who assurred us we have a good piece of equipment.

Repairs were made to the stearing gear and fenders of the pick-up.

A kodak cark-room light was received from surplus at the Naval Supply Center.

National Park Service Visitors

March 30	Supt. Brueck from Wupatki
April 5	Supt. and Mrs. Sharp from Tonto
April 7	Maintenance man and Mrs. Joe Bean from Wupatki
April 20	Supt. Aubuchon from Navajo
April 22	Warehouseman Gene Morris from Grand Canyon

Homer F. Hastings
Superintendent

of days before Play Day and the family was very interested in this event.
Play Day on April 14 exceeded any like occassion at White Sands and about 8000 people in over 1600 cars swarmed into our area and all seemed to have a good time. The Old Timers reunion, and the White Sands Relays held in connection with Play Day were both very successful. No major accidents occured although a couple of dented fenders was the result of a couple of cars stopping suddenly.

PUBLICITY

Local papers as well as the press from El Paso carried column after column devoted to Play Day, pictures were carried of the Relay Races and the Old Timers. The Holloman Air Base took some movie shots of some of the speakers. Play Day seems to be attracting more attention every year.
The El Paso Camera Club spent an afternoon in the sands and the number of pictures taken should afford us publicity to the ends of the world.

COMPLAINTS

No complaints were received in this office on either the National Park Service or our White Sands Service Company who handle our concession needs.

MAINTENANCE

According to Webster maintenance is described as " upkeep " and even under the heading I went to reverse the definition and describe our trouble as keeping up. We are still cleaning up from Play Day and have had some five thousand visitors since that day which means more clean up. As though that were not enough our sewer lines stopped up and we find that our disposal had filled completely and it was necessary to dig it all up and we have dug several new laterals in hopes of taking care of the trouble. Our redwood tank is holding up very well but may just be to small. It is very probable that this facality like many others is being taxed beyonds its limits and we may be forced to install a pumping system for our sewerage. Plans for our local domestic water lines are completed and that project is well along. It is no small task however in addition to our other work and my crew are all working trough the entire week and will take a lieu day later. Virtually all regular maintenance has given way to these special tasks, and we hope that next month we will be able to get back to some of the daily maintenance routine.

INCREASE OVER LAST YEAR

An increase of twelve hundred seventy four cars and six thousand three hundred thirteen people over any previous April is no small item and the increase can not be attributed entirely to Play Day. Two hundred sixty cars and eleven hundred fourty two people was our Play Day gain, leaving one thousand fourteen cars and five thousand one hundred seventy one people as just normal gain. We are thrilled

[illegible]

[illegible]

[illegible]

with these gains but we are paying for them dearly in the strain on our physical plant. I hope that the last thing of which I shall ever be accused is that of being a pessimist, but with the increase that we are experiencing we will have to give consideration to the enlargement of our physical plant or we shall suffer a complete collapse one of these days. In 1939 our visitor count was 58,955 and this year with good luck and a continuation of the present trend we should exceed the 1939 figure by almost one hundred and fifty thousand, and yet we have not enlarged our sewer system, our light plant and what little facalities we have for the picnic groups we have salvaged from scrap of other agencies. Our fondest dreams for peak days in 1939 are being exceeded almost daily now, and so it goes.

VISITORS.

M.R. Tillotson, Regional Director, Santa Fe Office
Jack Diel, Santa Fe Office
Francis Elmore Santa Fe Office
We are always glad to have any of our fellow workers stop off with us and we are sorry that they can not get down more often.
Ambassador' Corea's visit has been mentioned and I am quite proud of my pound of tea direct from Ceylon, which the boy wanted me to have for my attention to the party. The fourteen year old boy was quite impressed also with the red light and siren on our Ranger Patrol car.

RANGER SERVICE

Both of my rangers have been and are putting in some long hard hours. Poor ole Dan probably wonders when he is digging out a sewer line where the romance in a Park Ranger career lies--certainly not in laying water lines or digging out plugged sewers. Chittum also in cutting water pipes, rebuilding worn out motors etc. likewise wonders what is eating on the visitor who begrudges us a job with nothing to do but visit with an occassional tourist. A inquisitive six year old walked into my office the other day and ask what I was doing. Before I had a chance to answer the daddy said " son leave the man alone, if he works for the government he is writing a report," and sure enough I was. My hat is off to my boys though for doing the work I call on them to do and then be as pleasant about it as they are. This goes also for Otis, Joe and Frank. My crew is tops.

POLICE PROTECTION.

Both local and State police did a good job for us on Play Day. No accidents of any consequence occured and at times the traffic was plenty heavy, and eight thousand people can sure get in the way. We appreciate their help.

GENERAL

We are dreadfully sorry to report that little Cindy Cole has been and is yet critically ill. She was taken to the local hospital and later

[illegible]

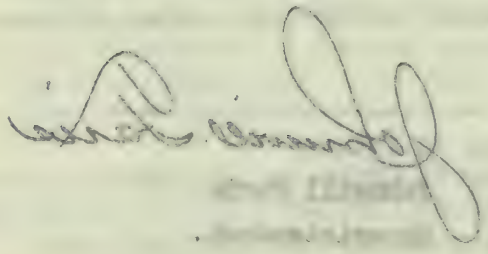
[illegible]

[illegible]

to Tucson where she is yet receiving special care. She was taken sick and was at the point of death for several days. Frank has been off for a couple of weeks, but he tells us that Cindy is doing much better and that he will soon be back. We all miss the Cota family and hope Cindy will soon be well enough that they can all be back at White Sands. It just occured to me that I will have to type this report myself so I too this time shall suffer from its length. This will explain the many mistakes that also will occur in my struggle to revive some of that skill required in getting out the nice letters Frank gets out for me.

Johnwill Faris

Johnwill Faris
Superintendent.



	Wupatki		Sunset Crater	
	Cars	Visitors	Cars	Visitors
April 1951	237	708	474	1187
April 1950	237	712	328	985
This travel year	1066	2894	2251	6014
Last travel year	~~1282~~ 896	2624	1988	5966

Visitors: 3/25 Mr & Mrs. Minor McPherson, Grand Canyon Nat'l Park
3/25 Mr & Mrs. Ray Foster, Grand Canyon National Park
3/25 Mr F. E. Whipple & Family, Mayor of Winslow, Ariz.
4/12 Mr. Phil Moore, photographer from Beverly Hills, Cal. taking movies for educationl purposes.
4/20 Thirty-five students from the Hopi High School, Oraibi, Arizona

Research and Observation: The Golden Eagles at the Citadel have been seen several times this month. They have a nest in the side of the lava flow above the old sink hole south of the ruins.

Three antelope and one porcupine were seen along the loop road to Sunset Crater on April 2.

Three ducks were noted swimming around on the pond at Heiser Spring the morning of April 9. Probably a few tired travelers getting a rest.

Most of the wildlife I have seen so far has been limited to a few sparrows and an occasional cottontail and jack rabbit.

Ranger Service: Superintendent Brueck was on annual leave from April 3 to 17 inc. A new boy was added to the family at Kanab, Utah on April 9.

A flagpole was erected on April 4 by Ranger Walker and a flag is not flying at Wupatki for the first time.

A dead calf was disposed of on April 11. Evidently hit by a car just a few miles off of highway 89.

One cat was disposed of April 18 that showed up here at Headquarters.

Forest Fire Protection: One small fire started by an abandoned campfire was extinguished by Monument personnel on April 2 at 7:00 P.M. The fire was on the Coconino National Forest and the forest service was notified the next morning so they could check it. The Forest Service now has two fire towers in operation due to the extreme dry forest conditions.

Spring Flow: Wupatki Spring 720 GPD
Heiser Spring 2160 GPD

Frederick R. Brueck
Superintendent

	Ranger Station		Summer Cabin	
	Cars	Visitors	Cars	Visitors
April 1953	227	708	474	1187
April 1957	137	712	292	945
This travel year	1,040	2,844	1,121	4,114
Last travel year	1,292	3,924	1,555	4,924
	904			

Visitors: 2/25 Mr & Mrs. Elmer McPherson, Grand Canyon Bell's Fare
2/26 Mr & Mrs. Ray Foster, Grand Canyon National Park
3/22 Mr F. E. Smiggle & family, Mayor of Wilslow, Ariz.
4/12 Mr. Phil Moore, photographer from Beverly Hills, Cal. taking movies for educational purposes.
4/20 Thirty-five students from the Bird High School, Prescott, Arizona

Interest and Observations: The Golden Eagles of the Kaibab have been seen several times this month. They have a nest in the side of the Jove Flow above the old stock tank south of the ruins.

Three antelope and one porcupine were seen along the loop road to Jacob's Crater on April 2.

Three deer were noted running around on the road at Water Spring the morning of April 9. Probably a few stray bucks getting a rest.

Most of the wildlife I have seen so far has been limited to a few sparrows and an occasional cottontail and jack rabbit.

Ranger Service: Superintendent Brown was on annual leave from April 2 to 17 inc. A new key was issued to the family at Kaibab, 7th on April 9.

A Flagpole was erected on April 4 by Ranger Maiber and a flag is now flying at Kaibab for the first time.

A dead calf was disposed of on April 11. Evidently hit by a car just a few miles off of highway 89.

One cat was disposed of April 12 that strayed in here at Employeetown.

Forest Fire Protection: The small fire started by an abandoned campfire was extinguished by Kaibab personnel on April 2 at 1:30 P.M. The fire was on the Coconino National Forest and the Forest service was notified the next morning so they could check it. The Forest Service now has two fire towers in operation due to the extreme dry forest conditions.

Spring Flow: Kaibab Spring 720 GPD
Water Spring 2180 GPD

Frederick E. Brown
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Wupatki National Monument
Flagstaff, Arizona

April 26, 1951

To: General Superintendent

From: Superintendent, Wupatki

Subject: Monthly Narrative Report - Wupatki and Sunset Crater National Monuments

Weather: The long dry spell was finally broken with a few showers this month that totaled .32 inches. Every little bit helps and vegatation does seem a bit greener since the rain. There have been quite a few days of high winds. The maximum temperature for the month was 83 on April 14 with a minimum of 29 on April 11. The flow of the Little Colorado River has almost stopped which is making it quite hard for the Navajo Indians who depend on it this time of the year for their sheep.

Maintenance: With some rain this month it was possible to blade some of the bad wash board out of the Sunset Crater entrance road and to pack some of the clay plating between Sunset Crater and Wupatki. The Wupatki entrance road did not get much rain and it is still very dry with quite a bit of wash board.

The ruins trails at Wupatki and the Citadel were worked over April 2 and 4.

A drinking fountain was installed outside of the office to replace the old faucet and has proved very popular.

The dump truck was overhauled by the Forest Service shop in Flagstaff and is now back on the job clay plating the roads where needed. It looks like the hard work and efforts of maintenanceman Joe Bean are beginning to pay off. I am sure we will be able to keep the Sunset Crater-Wupatki loop road open for traffic both ways this spring.

Interpretive Services: At Wupatki 455 visitors in 150 parties were contacted for an average of 19 minutes and a total of 48 hours.

Travel: Travel figures showed a decrease of only 4 people for the month. Sunset Crater travel showed an increase of 202 people but there were frequent groups of local people making trips to the area which can account for some of the increase. Considering Easter holidays came in April last year with heavy travel we figure we did good to break even this month. On April 22, 20 cars were recorded which is the most in one day so far this year.

Main over April 1900.....[illegible] or [illegible] visitors

Main over last travel year.....[illegible] or [illegible] visitors

Fourteen Areas showed losses over April 1900:

Desdemona	[illegible]
Campo de Gualy	[illegible]
Capulin Mountain	[illegible]
Gilbertona	[illegible]
El Morro	[illegible]
Great Sand Dunes	[illegible]
Gustavus Swift	[illegible]
Gwalia	[illegible]
Jesse Tips Cabin	[illegible]
Lucero	[illegible]
Tecolote	[illegible]
Tuckerton	[illegible]
Valmora Chapel	[illegible]
Wagonhd	[illegible]

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Arches National Monument
Name of Area

April
Month

1951
Year

ER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
anent		1	1	2
orary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
o Caravans			
ks or Hikes	19	210	15 min ~~27 hr.~~
is or Hist. House			
er Trips			
Total	19	210	XXXXXXXX

TALKS	NO.		
fire			
l or Lodge			
um (Not connected with conducted trip)			
ntation (Not connected with conducted trip)			
r (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
dquarters	36	100	~~[illegible]~~ 15 min
nument all Areas	203	820	~~[illegible]~~ 15 min
(Give Name or Type) Total	239	920	XXXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

2270
Number Visitors to Area this Month

920
Total Interpretive Contacts.

pretive Activities Outside of the Area:

	Govt. Publications	Sold	On Hand

S: Ranger Worthington gave two illustrated talks outside the area on his time. And two talks to two groups of Boy Scouts within the Area.

TUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
se read them carefully.

NAME Earl Worthington
TITLE Park Ranger

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE SUPERINTENDENTS, ASST. SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.
"CONTACT" IS A CONNECTION, INTERPRETIVE IN CHARACTER, BETWEEN A PERSON AND A NATIONAL PARK SERVICE EMPLOYEE OR A PARK INTERPRETIVE DEVICE, EXCLUSIVE OF RADIO, BOOK, PAMPHLETS, AND THE LIKE.

CONDUCTED TRIPS: CARAVAN OR HIKING TRIPS CONDUCTED BY N.P.S. PERSONNEL FOR GENERAL FIELD ACTIVITIES. TRIPS SPECIFIC TO RUINS AND HISTORICAL HOUSES SHOULD BE REPORTED ON LINE 3. BE SPECIFIC UNDER OTHER TRIPS AS TO TYPE OF CONDUCTED TRIP SUCH AS BOAT, SKI, OR OTHER ORGANIZED ACTIVITY.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITO USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEV TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER O INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEAS TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

COLUMN 3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHO NOT BE INCLUDED IN THE TOTALS. GIVE TYPE OF ACTIVITY; SUCH AS TALK, BROADCAST, EXHIBIT, ETC.; DATE; ATTENDANCE; AND OTHER DATA NECESSARY TO DESCRIBE THE ACTIVITY.

TOTALS: TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIV SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

GOVERNMENT PUBLICATIONS: (FOR HISTORICAL AREAS) INDICATE BY NAME OR NUMBER THE COPIES SOLD AND OF HAND.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING INTERPRETIVE SERVICES. RETAIN ORIGINAL O IN AREA FILES. IN AREAS EMPLOYING NATURALIST THIS REPORT TO BE ATTACHED TO HIS MONTHLY NARRATIVE REPORTS. IN OTHER AREAS IT SHOULD BE PRESENTED AS A SEPARATE REPORT WITH COPIES FOR COORDINATING SUPERINTENDENT, REGIONAL DIRECTOR AND DIRECTOR FORWARDED THROUGH ADMINISTRATIVE CHANNELS. DATE DUE EACH MONTH IN ACCORDANCE ADMINISTRATIVE MANUAL, VOL. 15, CHAPTER 8 (REPORT 8M3) AND 9 (REPORT 9M3).

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Bandelier National Monument
Name of Area

April
Month

1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent		1	3	4
mporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	109	1212	77.1 Min.
ther Trips			
Total	109	1212	XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)	33	272	12.2 Min.
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total	33	272	XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Ceremonial Ca ve	22	363	
Trails to Tsankawi		387	
(Give Name or Type) Total	22	750	XXXXXXXX

2580
Number Visitors to Area this Month

2234
Total Interpretive Contacts.

terpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

MARKS:

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

Fred W. Binnewies

NAME Fred W. Binnewies
TITLE Superintendent

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TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

COLUMN 3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

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GOVERNMENT PUBLICATIONS: (FOR HISTORICAL AREAS) INDICATE BY NAME OR NUMBER THE COPIES SOLD AND ON HAND.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING INTERPRETIVE SERVICES. RETAIN ORIGINAL IN AREA FILES. IN AREAS EMPLOYING NATURALIST THIS REPORT TO BE ATTACHED TO HIS MONTHLY NARRATIVE REPORTS. IN OTHER AREAS IT SHOULD BE PRESENTED AS A SEPARATE REPORT WITH COPIES FOR COORDINATING SUPERINTENDENT, REGIONAL DIRECTOR AND DIRECTOR FORWARDED THROUGH ADMINISTRATIVE CHANNELS. DATE DUE EACH MONTH IN ACCORDANCE ADMINISTRATIVE MANUAL, VOL. 15, CHAPTER 8 (REPORT 8M3) AND 9 (REPORT 9M3).

REVISED MAY 1949

rm No. 10-769
ports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Canyon de Chelly National Monument
Name of Area

April
Month

1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent	One	One		Two
mporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	5	30	2 hr.
ther Trips			
Total	5	30	XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)	57	205	30 Min.
ther (Not connected with conducted trip)			
Total	57	205	XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

235
Number Visitors to Area this Month

235
Total Interpretive Contacts.

terpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand
15 letters of inquiry were answered this month concerning proposed visits to this area.			

MARKS: Travel increased slightly over last month, but is quite a bit under April of last year. For this travel year however, we are well ahead of last year.

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME Everett H. Bright
TITLE Superintendent

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EXPLANATION OF TERMS USED

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"CONTACT" IS A CONNECTION, INTERPRETIVE IN CHARACTER, BETWEEN A PERSON AND A NATIONAL PARK SERVICE EMPLOYEE OR A PARK INTERPRETIVE DEVICE, EXCLUSIVE OF RADIO, BOOK, PAMPHLETS, AND THE LIKE.

CONDUCTED TRIPS: CARAVAN OR HIKING TRIPS CONDUCTED BY N.P.S. PERSONNEL FOR GENERAL FIELD ACTIVITIES. TRIPS SPECIFIC TO RUINS AND HISTORICAL HOUSES SHOULD BE REPORTED ON LINE 3. BE SPECIFIC UNDER OTHER TRIPS AS TO TYPE OF CONDUCTED TRIP SUCH AS BOAT, SKI, OR OTHER ORGANIZED ACTIVITY.

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590

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Reports
3m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Capulin Mountain National Monument
Name of Area

April 1951
Month

Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		One	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other	None		
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)	None		
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total	None		

UNATTENDED INTERPRETIVE DEVICES	NO.		
Roadside markers, pointing out five of the principal points of interest			
(Give Name or Type) Total	five		

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts	None		
Talks	none		
Displays and Exhibits	none		
Replies to Inquiries	20		
Other			

250
Total Receiving Interp. Serv.

750
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	None
Popular Studies	None
Source Books	None

NAME Homer J. Farr

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

rm No. 10-769
ports
5 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Casa Grande National Monument
Name of Area

April
Month

1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent	1	1	1	3
mporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
ito Caravans			
alks or Hikes			
ains or Hist. House	212	2,374	53.0 Min.
ther Trips			
Total			XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
Museum	212	2,374	23.0 Min.
Museum (visitors stopping for orientation only).		1200	
(Give Name or Type) Total		3,574	XXXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

4,088
Number Visitors to Area this Month

5,948
Total Interpretive Contacts.

terpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

MARKS: 1714 visitors stopped for orientation only. It is estimated that 70% looked through the museum and this number is shown under Attending Interpretive Stations above.

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME A. T. Bicknell
TITLE Superintendent

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REVISED MAY 1949. 559

rm No. 10-769
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3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

~~Chaco Canyon National Monument~~
Name of Area

~~April, 1951~~
Month

~~1951~~
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent	One			
mporary	~~One~~			

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther Trips	~~33~~	~~146~~	~~74 Min.~~
Total	~~33~~	~~146~~	XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)	~~27~~	~~136~~	~~29 Min.~~
ther (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

Number ~~183~~ Visitors to Area this Month

Total ~~282~~ Interpretive Contacts.

terpretive Activities Outside of the Area:

	Govt. Publications	Sold	On Hand

MARKS:

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
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NAME ~~Meredith R. Gull~~
TITLE ~~Superintendent~~

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INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

COLUMN 3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS. GIVE TYPE OF ACTIVITY; SUCH AS TALK, BROADCAST, EXHIBIT, ETC.; DATE; ATTENDANCE; AND OTHER DATA NECESSARY TO DESCRIBE THE ACTIVITY.

TOTALS: TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

GOVERNMENT PUBLICATIONS: (FOR HISTORICAL AREAS) INDICATE BY NAME OR NUMBER THE COPIES SOLD AND ON HAND.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING INTERPRETIVE SERVICES. RETAIN ORIGINAL IN AREA FILES. IN AREAS EMPLOYING NATURALIST THIS REPORT TO BE ATTACHED TO HIS MONTHLY NARRATIVE REPORTS. IN OTHER AREAS IT SHOULD BE PRESENTED AS A SEPARATE REPORT WITH COPIES FOR COORDINATING SUPERINTENDENT, REGIONAL DIRECTOR AND DIRECTOR FORWARDED THROUGH ADMINISTRATIVE CHANNELS. DATE DUE EACH MONTH IN ACCORDANCE ADMINISTRATIVE MANUAL, VOL. 15, CHAPTER 8 (REPORT 8M3) AND 9 (REPORT 9M3).

m No. 10-769
orts
and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chiricahua National Monument
Name of Area

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
manent		1		3
porary				

April
Month

1951
Year

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or Hist. House	4	23	3 3/4 hr.
her Trips			
Total	4	23	XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			1 hour
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
Headquarters Walk	1	[illegible]	½ hour
(Give Name or Type) Total	1	[illegible]	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Nature trail	1	[illegible]	3/4 hour
Massai Point Orientation Station, Estimated	1	[illegible]	
(Give Name or Type) Total	2	[illegible]	XXXXXXXX

1403
Number Visitors to Area this Month

1931
Total Interpretive Contacts.

terpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

MARKS: 7 inquiries answered

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME Claud. Cooke
TITLE Superintendent

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EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
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CONDUCTED TRIPS: CARAVAN OR HIKING TRIPS CONDUCTED BY N.P.S. PERSONNEL FOR GENERAL FIELD ACTIVITIES. TRIPS SPECIFIC TO RUINS AND HISTORICAL HOUSES SHOULD BE REPORTED ON LINE 3. BE SPECIFIC UNDER OTHER TRIPS AS TO TYPE OF CONDUCTED TRIP SUCH AS BOAT, SKI, OR OTHER ORGANIZED ACTIVITY.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

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INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

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REVISED MAY 1949

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

El Morro National Monument
Name of Area

April
Month

1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent		(1) Supt.		1
mporary				0

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
ito Caravans			
lks or Hikes	31	141	60 mins.
ins or Hist. House			
her Trips			
Total	31	141	XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)	72	205	15 mins.
her (Not connected with conducted trip)			
Total	72	205	XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total	0	0	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Ruins on mesa top	7	34	45 mins.
(Give Name or Type) Total	7	34	XXXXXXXX

309
Number Visitors to Area this Month

380
Total Interpretive Contacts.

terpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand

MARKS: Inclement weather.

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME Irvin G. Scheil, Jr.
TITLE Superintendent

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Gran Quivira National Monument
Name of Area

April
Month

1951
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
'ermanent		1	
'emporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
'alks or Hikes			
uins or Hist. House	54	277	38 min.
)ther			
Total	54	277	34 hrs.

TALKS	NO.		
'ampfire			
'otel or Lodge			
'useum (Not connected with conducted trip)			
)rientation (Not connected with conducted trip)			
)ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
~~Self guide trail~~	22	56	20 min.
(Give Name or Type) Total	22	56	20 min.

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
'roadcasts			
'alks	1	35	30 min.
)isplays and Exhibits			
'eplies to Inquiries	5	letters	
)ther			

333
Total Receiving Interp. Serv.

333
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
6 page booklets
'opular Studies
'ource Books

NAME Ray B. Ringenbach
Ray B. Ringenbach,
TITLE Superintendent

'EMARKS: (Please note below any factors influencing interpretive service, such as: 'museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

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Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

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m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

GREAT SAND DUNES NATIONAL MONUMENT
Name of Area

APR 1951
RECEIVED
National Park Service
Denver

APRIL
Month

1951
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent	0	1	0
emporary	0	0	0

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Contact Station	1	675	10 min.
(Give Name or Type) Total	1	675	

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks	3	78	55 min. ave.
isplays and Exhibits			
eplies to Inquiries	9		
ther			

675
Total Receiving Interp. Serv.

710
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
6 page booklets	
opular Studies	
ource Books	

NAME (SIGNED)
Glen T. Bean

TITLE Superintendent

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Montezuma Castle National Monument
Name of Area

April
Month
1951
Year

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
manent	1	1	1	3
porary	1 (NAP. Guide)			1

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or Hist. House	168	930	45 min.
her Trips			
Total	168	930	XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
Castle Museum (Not continuously attended)	1	3000	10 min.
Well Museum	1	234	10 min.
Talk connected with conducted tour but received by those not making tour.		1000	10 min.
(Give Name or Type) Total	2	4234	XXXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Sycamore Trail	1	2500	30 min.
Montezuma Well Loop Trail	1	1046	30 min.
(Give Name or Type) Total	2	3546	XXXXXXXX

4277
Number Visitors to Area this Month

8710
Total Interpretive Contacts.

terpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand

MARKS:

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME JOHN O. COOK
TITLE Superintendent

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE SUPERINTENDENTS, ASST. SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.
"CONTACT" IS A CONNECTION, INTERPRETIVE IN CHARACTER, BETWEEN A PERSON AND A NATIONAL PARK SERVICE EMPLOYEE OR A PARK INTERPRETIVE DEVICE, EXCLUSIVE OF RADIO, BOOK, PAMPHLETS, AND THE LIKE.

CONDUCTED TRIPS: CARAVAN OR HIKING TRIPS CONDUCTED BY N.P.S. PERSONNEL FOR GENERAL FIELD ACTIVITIES. TRIPS SPECIFIC TO RUINS AND HISTORICAL HOUSES SHOULD BE REPORTED ON LINE 3. BE SPECIFIC UNDER OTHER TRIPS AS TO TYPE OF CONDUCTED TRIP SUCH AS BOAT, SKI, OR OTHER ORGANIZED ACTIVITY.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

COLUMN 3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS. GIVE TYPE OF ACTIVITY; SUCH AS TALK, BROADCAST, EXHIBIT, ETC.; DATE; ATTENDANCE; AND OTHER DATA NECESSARY TO DESCRIBE THE ACTIVITY.

TOTALS: TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. IN COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

GOVERNMENT PUBLICATIONS: (FOR HISTORICAL AREAS) INDICATE BY NAME OR NUMBER THE COPIES SOLD AND ON HAND.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING INTERPRETIVE SERVICES. RETAIN ORIGINAL IN AREA FILES. IN AREAS EMPLOYING NATURALIST THIS REPORT TO BE ATTACHED TO HIS MONTHLY NARRATIVE REPORTS. IN OTHER AREAS IT SHOULD BE PRESENTED AS A SEPARATE REPORT WITH COPIES FOR COORDINATING SUPERINTENDENT, REGIONAL DIRECTOR AND DIRECTOR FORWARDED THROUGH ADMINISTRATIVE CHANNELS. DATE DUE EACH MONTH IN ACCORDANCE ADMINISTRATIVE MANUAL, VOL. 15, CHAPTER 8 (REPORT 8M3) AND 9 (REPORT 9M3).

REVISED MAY 1949.

rm No. 10-769
ports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

NAVAJO NATIONAL MONUMENT
Name of Area

APRIL
Month
1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent		one		one
mporary		none		

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans BETATAKIN	15	94	3.5 hr
alks or Hikes KEET SEEL	6	21	8 hr
uins or Hist. House INSCRIPTION HOUSE	2	6	5 hr
ther Trips			
Total	23	121	XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
[illegible]	21	XX	
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
SANDAL TRAIL	21	67	
(Give Name or Type) Total			XXXXXXXX

111
Number Visitors to Area this Month

188
Total Interpretive Contacts.

terpretive Activities Outside of the Area:

	Govt. Publications	Sold	On Hand

MARKS:

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME John A. Aubuchon
TITLE Superintendent

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rm No. 10-769
ports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Organ Pipe Cactus National Monument
Name of Area

April
Month

1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent		1	2	3
mporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther Trips			
Total			XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)	1	14	1 hr.
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total	1	14	XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
Headquarters	1	509	½ hr.
Study skin collection	1	63	1/3 hr.
(Give Name or Type) Total	2	572	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Arizona Desert Trail	1	226	
(Give Name or Type) Total	1	226	XXXXXXXX

17,305
Number Visitors to Area this Month

812
Total Interpretive Contacts.

terpretive Activities Outside of the Area:

	Govt. Publications	Sold	On Hand

EMARKS:

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME [illegible]
TITLE Superintendent

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INSTRUCTIONS FOR FILLING IN THE FORM

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Saguaro National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		2	
Temporary		2	

April
Month
1951
Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Monument head quarters	31	2,907 persons in 782 parties	16 min. avg. per party
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
Cactus Forest Trail	29	2,907 persons in 782 parties	30 min.
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

5,814
Total Receiving Interp. Serv.

4554
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Samuel A. King

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

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Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive service offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Data due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3)

rm No. 10-769
ports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Sunset Crater National Monument
Name of Area

April
Month

1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent				0
mporary				0

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther Trips			
Total			XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Trail Side Signs	**474**	**1187**	**5 Min.**
Lava Flow Nature Trail	**51**	**123**	**25 Min.**
(Give Name or Type) Total	**525**	**1310**	XXXXXXXX

1187
Number Visitors to Area this Month

1310
Total Interpretive Contacts.

terpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

MARKS: **No personnel on duty during April.**

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME
TITLE **Superintendent**

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"CONTACT" IS A CONNECTION, INTERPRETIVE IN CHARACTER, BETWEEN A PERSON AND A NATIONAL PARK SERVICE EMPLOYEE OR A PARK INTERPRETIVE DEVICE, EXCLUSIVE OF RADIO, BOOK, PAMPHLETS, AND THE LIKE.

CONDUCTED TRIPS: CARAVAN OR HIKING TRIPS CONDUCTED BY N.P.S. PERSONNEL FOR GENERAL FIELD ACTIVITIES. TRIPS SPECIFIC TO RUINS AND HISTORICAL HOUSES SHOULD BE REPORTED ON LINE 3. BE SPECIFIC UNDER OTHER TRIPS AS TO TYPE OF CONDUCTED TRIP SUCH AS BOAT, SKI, OR OTHER ORGANIZED ACTIVITY.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

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m No. 10-769
orts
and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Tonto National Monument
Name of Area

April
Month
1951
Year

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
manent		1	(Seasonal Ranger)	1
porary	1 (SAE Guide)		1	2

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or Hist. House	233	773	45 min av.
her Trips			
Total	233		XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
NPS Museum -Office	30 days		
		1368	
(Give Name or Type) Total	30 days		XXXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Nature trail to Cliff Dwelling, & easel stands			
along trail (Ranger always in Cliff dwelling,	773		
but not with all parties on trail)			
(Give Name or Type) Total	773		XXXXXXXX

2058
Number Visitors to Area this Month

2641
Total Interpretive Contacts.

terpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

MARKS: Archaeologist transferrd on April 5. Use guide on part time.

ISTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME Charles C. Sharp
TITLE Supt.

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REVISED MAY 1949

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orts
and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Tumacacori National Monument
Name of Area

April
Month
1951
Year

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
manent		1	1	2
porary			1	1

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or Hist. House	279	1,737	37.69 minutes
her Trips			
Total	279	1,737	XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total	0		XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
bined information and interpretation service			
at registry desk, museum or garden	1	4,430	5 mins.(ave)
(Give Name or Type) Total	1	4,430	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
f-guiding museum and patio garden (with nature			
ail leaflet for the garden). However, inter-			
etive service is often given in the garden.	2	4,384	18.4 mins.*
(Give Name or Type) Total	2	4,384	XXXXXXXX

4,596** Number Visitors to Area this Month

10,551 Total Interpretive Contacts.

erpretive Activities Outside of the Area:

	Govt. Publications	Sold	On Hand
	none		

ARKS: *Visitor total includes 166 runarounds.
erage time of 18.4 minutes based on one day of analysis, Thursday, April 12. The day balmy and warm, and on such days interest is usually at a low level.

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
lease read them carefully.

NAME [illegible]
TITLE Superintendent

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

TUZIGOOT NATIONAL MONUMENT
Name of Area

APRIL
Month

1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent	1	1		
mporary			1	

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	614	1805	
ther Trips			
Total			XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)	585	1704	10 min.
ther (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total	1199		XXXXXXXX

1892
Number Visitors to Area this Month

3509
Total Interpretive Contacts.

terpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

MARKS:

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
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NAME J. W. Balmer
TITLE Superintendent

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Reports
9m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Walnut Canyon National Monument
Name of Area

April
Month

1951
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	1	1
Temporary	0	0	0

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Overlook at museum	1	1769	15 min.
Museum	1	1637	10 min.
(Give Name or Type) Total		3406	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Ruins trip into canyon (Island Trail)	1	1238	50 min.
(Give Name or Type) Total		1238	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts	0		
Talks	0		
Displays and Exhibits	0		
Replies to Inquiries	3		
Other	0		

4644
Total Receiving Interp. Serv.

1769
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	None
Popular Studies	None
Source Books	None

NAME Homer T. Hastings

TITLE Supt.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Contact and museum open daily from 8:00 A.M. to 5:00 P.M.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
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"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

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m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

White Sands National Monument
Name of Area

April
Month

1951
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent	2	2	2
emporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
	30	5,000	1/6
(Give Name or Type) Total		5,000	

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
lks			
splays and Exhibits			
plies to Inquiries			
her			

5,000
Total Receiving Interp. Serv.

25,377
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
page booklets	
pular Studies	
urce Books	

NAME Johnnie Faris

TITLE Johnnie Faris
Superintendent

EMARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Wupatki National Monument
Name of Area

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
ermanent		1	1	2
emporary				

April
Month

1951
Year

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	150	455	19 Min.
ther Trips			
Total	150	455	XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Wupatki Ruins Trail	216	644	35 Min.
Malakihu-Citadel Trail	153	383	30 Min.
(Give Name or Type) Total	369	1027	XXXXXXXX

708
Number Visitors to Area this Month

1482
Total Interpretive Contacts.

erpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

ARKS: Superintendent absent from area 2 weeks.

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
lease read them carefully.

NAME
TITLE Superintendent

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE SUPERINTENDENTS, ASST. SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.
"CONTACT" IS A CONNECTION, INTERPRETIVE IN CHARACTER, BETWEEN A PERSON AND A NATIONAL PARK SERVICE EMPLOYEE OR A PARK INTERPRETIVE DEVICE, EXCLUSIVE OF RADIO, BOOK, PAMPHLETS, AND THE LIKE.

CONDUCTED TRIPS: CARAVAN OR HIKING TRIPS CONDUCTED BY N.P.S. PERSONNEL FOR GENERAL FIELD ACTIVITIES. TRIPS SPECIFIC TO RUINS AND HISTORICAL HOUSES SHOULD BE REPORTED ON LINE 3. BE SPECIFIC UNDER OTHER TRIPS AS TO TYPE OF CONDUCTED TRIP SUCH AS BOAT, SKI, OR OTHER ORGANIZED ACTIVITY.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

COLUMN 3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS. GIVE TYPE OF ACTIVITY; SUCH AS TALK, BROADCAST, EXHIBIT, ETC.; DATE; ATTENDANCE; AND OTHER DATA NECESSARY TO DESCRIBE THE ACTIVITY.

TOTALS: TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

GOVERNMENT PUBLICATIONS: (FOR HISTORICAL AREAS) INDICATE BY NAME OR NUMBER THE COPIES SOLD AND ON HAND.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING INTERPRETIVE SERVICES. RETAIN ORIGINAL IN AREA FILES. IN AREAS EMPLOYING NATURALIST THIS REPORT TO BE ATTACHED TO HIS MONTHLY NARRATIVE REPORTS. IN OTHER AREAS IT SHOULD BE PRESENTED AS A SEPARATE REPORT WITH COPIES FOR COORDINATING SUPERINTENDENT, REGIONAL DIRECTOR AND DIRECTOR FORWARDED THROUGH ADMINISTRATIVE CHANNELS. DATE DUE EACH MONTH IN ACCORDANCE ADMINISTRATIVE MANUAL, VOL. 15, CHAPTER 8 (REPORT 8M3) AND 9 (REPORT 9M3).

UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Region Three
Santa Fe, New Mexico

SWNM Narrative Reports
May 1951

Routing List--Southwestern National Monuments

	Name of Official	Date Received	Date Forwarded
Bandelier	Beinemann	6/13/51	6/14/51
El Morro	[illegible]	6/12/51	6/15/51
Canyon de Chelly	E Bright	6-29-51	7-2-51
Chaco Canyon	[illegible]	7/9/51	7-11-51
Aztec Ruins	Townsend	7-13-51	7-[illegible]-51
Arches	B E Wilson	7-[illegible]-51	7-21-51
Great Sand Dunes	Beam	7/23/51	7/24/51
Capulin Mountain	[illegible]	7-3-51	7-4-51
Gran Quivira	Longbrake	8-6-51	8-7-51
White Sands	[illegible]	8-10-51	8-13-51
Region Three Office--Mr. King			

(List No. 1.)

FORM APPR

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

ARCHES NATIONAL MONUMENT
MOAB, UTAH

June 3, 1951

Memorandum

To: General Superintendent

From: Superintendent, Arches

Subject: Narrative Report for the month of May, 1951

WEATHER: Over one inch of rain fell during this report period bringing with it abnormally cool weather. Maybe those Rain Makers have something!

TRAVEL: Inspite of the stormy weather 1495 visitors arrived in the area in 447 cars which gives us an increase of 36% over the same period last year. Twenty-seven states and four foreign countries were represented.

INTERPRETIVE SERVICE: Of the 1495 visitors who entered the monument 650 were contacted. Fourteen guided tours were made with a total attendance of 216 people. Total contact time amounted to 81 hours. Three tours outside the monument were made with 108 students of the Grand County School. The purpose of these field trips was to view and discuss vandalized petroglyphs along the Colorado River and explain to them the meaning and reasons for the Antiquities Act.

INTERPRETIVE DEVICES: The four panels which flank the two large center panels on the Wayside Exhibit were received from the Regional Office along with a welcome $35.00 to pay for their installation. The installation of these panels will complete our Wayside Exhibit. Informational and directional signs for the Cove Natura Trail were received from Les Arnberger who is revising our Nature Trail leaflet. His help and suggestions will improve this trail a great deal.

PUBLICITY: Director George Sherman of the Universal Motion Picture Co. spent one half day in the monument seeking location sites for a Technicolor picture to be filmed in the vicinity of Moab around the end of June. He left without making any definite decision on location, saying that there was so much to choose from that the decision was going to be difficult.

NPS VISITORS: Naturalist Leslie P. Arnberger, May 10 & 11.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

PERSONNEL: Park Ranger T. Earl Worthington is on Annual Leave from May 18 until May 31, in order to use up his 1960 annual leave.

ROADS: Taking advantage of the moisture received this month Maintenanceman Winbourn was able to do a good job of blading on all monument roads.

NATURAL BRIDGES: Two trips to Natural Bridges were made for the purpose of transporting and installing propane tanks, refrigerator and stove.

Bates T. Wilson

Bates T. Wilson
Superintendent

Page 2, Arabs Fighting Bulgars

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

26 May 1951

Memorandum

To: General Superintendent

From: Superintendent Aztec Ruins

Subject: Superintendent's Monthly Narrative Report 1nd

WEATHER: Many windy days with dust storms followed, toward the close of the month, with clear warm days. Three light rain storms have added 0.16 to the annual precipitation.

MAINTENANCE: Ruins stabilization has been continued this month with considerable repair being accomplished in the north east corner of the ruin and about one third of the south wall excavated.

The deteriorated paint and plaster in the residence at site No. 3, bath room, was repaired with plastic tile. Likewise the baseboards in the living-dining room and kitchen of this residence were replaced. The floors in the remainder of the residence have not as yet finished settling, but within another year will be repaired.

NEW CONSTRUCTION: The landscaping of the residential area has been completed, which report is forwarded separately.

INTERPRETIVE SERVICE: There were 1004 visitors in 164 parties conducted thru the ruins and 1452 visitors in 340 groups shown thru the museum.

DECREASE IN TRAVEL: For the first time in many months we show a decrease in travel for the same period of the previous year. This decrease is approximately 7% with 1452 visitors from 37 states, Wash D.C., Brit Honduras, Alaska, Canada and Switzerland. Our decrease seems to be due to an almost total absence of visiting school groups. Generally in May we have 15 to 20 school bus loads of students, this year we have had but 2 such groups.

FLORA AND OBSERVATION: Several fair sized flocks of evening gross beaks visited for a week on their way north to the higher country. We have completed a new type of plant-tree sign, placing 6 of them along the entrance walk identifying native shrubbery. The sign is made of 2 plates of glass sealed together with liquid solder.

VISITORS: Jess Lombard, Craters of the Moon, visited at the close of the month. He enjoyed his visit and wish more NPS personel would drop in on their way by.

Irving D. Townsend
Superintendent

AZTE

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

May 31, 1951

Memorandum

To: General Superintendent

From: Superintendent, Bandelier

Subject: Narrative Report for May, 1951

Weather

The hottest day for May ever to be recorded at Bandelier occurred on the 27th when the temperature reached 9[illegible] degrees. This was quite a contrast to the snow flurries and cold rain that occurred on the 17th, and a low of 22 degrees on the 3rd.

.55 inches of moisture were received but this did little to alleviate the drought conditions that have prevailed generally for the past two years.

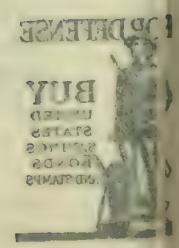
Special Activites

The Superintendent met with the In-Service Training Committee at the Region Three Office to discuss plans for training tours to Bandelier for Regional Office personnel who do not ordinarily get out to field areas. The first tour is scheduled for June 6.

A staff meeting was held for all personnel to discuss additional plans for the civil defense organization for the area. This was followed by group meetings to formulate definite plans for the various divisions.

The very heavy travel toward the last of the month made it necessary for the Superintendent and clerk to spend considerable time guiding tours and checking cars. There is a very urgent need for additional temporary ranger assistance during May. As it is, we practically have to postpone

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO



administrative and other matters until the temporary rangers are available.

Inspections

Messrs. Carter, Richardson, and Franke made an inspection, on the 14th, of the propane gas systems, for both the residences and the lodge, in order to prepare plans for a bulk rather than the present bottle system.

General Publicity

The entire issue of the Arizona Highways magazine was devoted to the archeology of the Southwest, as represented by various Monuments and Mesa Verde National Park. The magazine featured reconstruction paintings by the noted artist, Paul Coze, that vividly portrayed Indian life as it probably was hundreds of years ago. The painting for Bandelier showed an Indian weaving at a loom in one of the cavate kivas.

Maintenance

Approximately 5,000 feet of telephone cable was obtained from the Atomic Energy Commission, for taking it up, and part of it was used to run a new line from the utility area to the office. The old cable was giving trouble by picking up induction from the museum lighting circuit and the new cable was laid entirely away from any power lines. A much clearer circuit resulted for the grounded system.

The stores supplies were moved to one corner of the warehouse in order to add an additional room to the warehouse quarters. The room was painted and placed in good condition for occupancy by the clerk.

The kitchen and bathroom at the dormitory were repainted this month.

All of the signs along the ruins trails and in the campground were repainted with aluminum paint and generally put in good condition.

Roads and Trails

The campground road was given a dust palliative treatment of MC-1 oil. Volcanic ash was spread on the oil immediately after it was applied, to the road, in an attempt to make a more durable surface.

The parking stripes in the parking lot were repainted, and they have proven to be very effective on busy days.

Work is progressing rapidly on the section of Highway 4 that is being reconstructed by the ARC, and by the end of the month the subgrading was nearly to the checking station.

Concessions

The Lodge reported that business for this month was not quite as good as it was last year, with only 70 guests as compared with 84 a year ago. The unsettled cold weather during the first half of the month was probably responsible for the decrease.

The saddle horse business was generally poor the first of the month, but had increased considerably toward the last.

The delay in the approval of this year's rates has held up the printing of advertising folders by the Lodge, and they are very badly needed to answer inquiries and supply information.

Interpretive Service

There were 1971 visitors conducted on 133 trips to the ruins this month. This is a decrease of 88 persons, but an increase of 21 trips as compared with last year.

Total interpretive contacts this month were 4066, which is an increase of 306 over last year. Most of the increase was due to additional museum contacts.

Travel

The most travel for a single day in the history of Bandelier occurred on May 27, when 1129 visitors were actually counted at checking station. This exceeded the 1094 that were checked on a day in August, 1950, and all facilities were taxed to the utmost. With only one temporary ranger on duty, it was not possible to give the high type of service that we would like to give to the visitors.

Total travel for the month was 5,027 which is an increase of 295 over May of last year and brings the total for the travel year to 18,067.

Visitors

May brought the usual influx of school groups that included the following:

Mescalero Apache----------23
Abbot School----------15
Immaculate Heart Seminary-------50
Los Alamos 5th Grade----------34
Our Lady of Sorrows, Bernallillo24
St. Michaels, Santa Fe---------27
Pojoaque School----------18
Espanola----------24
Leah Harvey Junior High, S. Fe--32
San Juan----------38
Pojoaque----------26
Santa Fe, Grade School---------39
Burns, Kansas----------15
Taos----------19
El Rancho----------23

Other visitors included: Daniel Streeter, Brooklyn, New York, who was a former student under Dr. Edgar Lewett, during excavations on the Pajarito Plateau in 1909.

Northern New Mexico Resorts Association members visited Bandelier in two groups on the 25th and the 26th.

Ranger Service

Mr. Harmon Maxson, University of New Mexico archeological graduate, reported for duty as a temporary ranger on May 22.

Forest Fire Control

The very dry weather that has prevailed all spring, coupled with strong winds, caused the fire danger to reach extreme conditions toward the last of the month. No fires occurred in the Monument, but cooperation was given to the Forest Service in the suppression of two large fires.

Three Fire Control Aides entered on duty the first of the month.

Insect and Tree Diseases

Permission was received from the ARC to proceed with the aerial spraying for the control of tent caterpillars, and the operation was accomplished on the 29th, with apparently good results. The few caterpillars that had already begun to form

[illegible]

[illegible]

[illegible]

webs were killed and there was a noticeable reduction in flies throughout the campground and around the residences.

Wildlife

An unusual number of Western tanagers and evening grossbeaks came in to the area during the month.

Personnel

Mr. James W. Shirley reported for duty as clerk on May 7. We wish to welcome Mr. Shirley and his family to the National Park Service and to Bandelier. Mr. Shirley formerly served as a temporary ranger at Organ Pipe Cactus and Tumacacori National Monuments.

Fred M. Kinnaeies
Fred M. Kinnaeies
Superintendent

[illegible]

[illegible]

[illegible]

[illegible]

Canyon de Chelly National Monument
Chinle, Arizona

May 26, 1951

Memorandum

To: General Superintendent

From: Superintendent, Canyon de Chelly

Subject: Monthly Narrative Report for May, 1951

Visitor Travel: May travel slightly higher than for same period last year. 349 compared with 334. Visitors arrived in 120 cars. Guide and contact service totaled 53 hours, 40 minutes. 69 overnight campers took advantage of our new campground facilities.

Weather: Several showers with a total of .91 of an inch of moisture fell during the month. This, together with .85 for April has helped considerably. High-low temperatures ranged from 84 to 28.

Project Programs: After much delay the Hart Hardware Company, Gallup, New Mexico, finally completed their contract for the alterations to the Superintendent's residence - which included asphalt tile and metal tile for the bath room, asphalt tile flooring for the living room, and all steel fixtures and linoleum for the kitchen, and linoleum for the utility room. Since completion all rooms have been repainted. New oil circulating heaters were purchased for the living room and the two bed rooms.

To date the 14,000 pounds of wire has not arrived from the General Services Administration. The wire is necessary to complete the Water Shed Soil & Moisture Program.

Roads and Trails have been maintained and surfaced as time permits.

Signs: After securing necessary materials and with the aid of a Stanley Letter Router just received, new signs are being made at monument headquarters. When completed they will be installed throughout the entire monument area replacing existing ones. Also, appropriate signs will be placed at the new campground areas.

Interpretive Device: During the first part of the month an appropriate and very attractive combination register, maps and publications display case was constructed. This is a large unit with ample storage facilities. In addition to serving a very useful public service it is a pleasure to notice the tremendous increase in SWNA publication sales.

Jaques de Chelle Manufacturing
Chelle, Illinois

May 20, 1921

Memorandum

To: General Superintendent

From: Superintendent, Jaques de Chelle

Subject: Monthly Operating Report for May, 1921

Plating Department: May proved slightly higher than for same period last year. Job requires with 1921. Platings arrived in 5th note. Made odd workers service totaled 5% lower, no shortage. 17 overtime hours each attempts of our low supervisory facilities.

Machinery: Largest element plus a total of .25 of an hour of maintenance fell during the month. This, together with .05 for spoil has helped considerably. Slip-line machinery repair from 8% to 3%.

Product Division: After some delay the first Jaques Lawnmower, Cutter, has finally acquired their contract for the alterations to the Superintendent's residence - with features matching tile and metal tile for the high roof, regular tile flooring for the living room, and all wood fixtures and finishes for the kitchen and lavatory for the utility room. Place supplies all green Spir lawn regulator. The all electric lawnmowers were produced for the living room and the box lawn.

By this the 11,000 pounds of wire that was sent earlier from the General Service Laboratories. The wire is necessary to complete the Tuber that call a laboratory program.

Sales and Trials have been satisfactory and received as time permits.

Sales: After meeting necessary materials and with the all of a steady little Junior Jaq machine, now where are being made by Superintendent. Then completed they will be installed throughout the units machines area replacing existing wood. Also, appropriate alone will be placed at the new supervisor area.

Inventory-Sales Review: During the first part of the month an inventory-sales was very attractive selling material, and job activities during month was accomplished. This is a large job with single strong functions. In addition to average a very special public service it is necessary to review the tonnage inventory in this publication years.

Canyon de Chelly National Monument
Chinle, Arizona

May 26, 1951

Cont. from page 1.

Concession: The Thunderbird Ranch Concessioner managed to meet the May 15 opening date for tourist accommodations. Looked doubtful for awhile since they have been trying for the last two months to find a cook.

Archeology: David L. De Harport proposes to arrive during the latter part of June, to continue the ruins and site survey initiated for the past two years under the Peabody Museum permit.

Administration: Inspection trips were made in both del Muerto and de Chelly canyons. Eleven days of annual leave were taken by Maintenance man Gorman. Extra license plates recently received were placed on all vehicles.

Everett W. Bright
Superintendent

Report on Safety National Monument
Mesa Verde

May 21, 1942

Page from page 3.

Conservation: The Superintendent's Park Conservation Manager is used the day in spending time for budgetary purposes. Limited funds for public alone they have been trying for the last two months to find a remedy.

Interpretation: Special is in charge preparing to service during the Junior park at Mesa, to measure the whole and also survey individual for the park was given under the industry theme period.

Protection: Inspection trips were made in both and Mesa in Safety Monument. Number days of school have been taken by Indian students and guests. Three Lookout plane recently received were placed on all watches.

Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Capulin Mountain NATIONAL MONUMENT

Capulin New Mexico,

May 25, 1951. 19

Memorandum

To; The General Superintendent
Southwestern National Monuments,
National Park Service
Santa Fe New Mexico,

From; Superintendent, Lower [illegible], Park

Subject; Monthly Narrative Report;

Visitors; Approximately twelve hundred visitors to the old Volcano during this month, making a total of seven thousand and fifty for the travel year and twenty six thousand two hundred fifty for the fiscal year.

Weather; Five cloudy days, and twenty partly cloudy days rains began about the 10 of the month and have continued raining most every day until yesterday, bringing us five and one half inches of precipitation, the entire country around have taken on a green coat and every body is all smiles.

Flora and Fauna; We are beginning to have that usual display of wild flowers on and around the foot of the cone, it will probably be about three weeks before they are in full bloom, all trees, shrubs and other flora are certainly soaked to the bottom this spring and should have sufficient moisture for at least two months.

Roads and trails; All roads in the park have been graded four times during the month and have been in very good condition all thru the month, in fact the roads are in better shape than ever before, they always dress smoother in wet weather, The trails are in good condition have had a dressing this spring both the rim and the crater trail.

No special visitors during the month.

Twenty six posts have been set around the rim trail and all have been branded from 1 to 50, they all have been set about two and one half feet deep and properly tamped, we are ready for the new trail booklet.

Our new Registration stand has been finished, painted and placed near the east wall in the turn around on top of the crater, A thirty foot flag pole has been painted and erected, the new flag has been received, the ranger entered on duty May 13.

Information pamphlets ; twenty four have been mailed to inquiries over the country and three hundred handed to visitors.

[illegible] J. Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CASA GRANDE NATIONAL MONUMENT

COOLIDGE, ARIZONA

May 25, 1951

Memorandum

To: General Superintendent, SWNM

From: Superintendent, Casa Grande

Subject: Monthly Narrative Report for May 1951.

General: As "per usual" the weather warmed up. The daily maximum temperatures are bearing down on 100°F, and the staff made the change in uniform from the "greens" to the "suntans", even though — to listen to the old timers — it hasn't as yet even began to get hot.

The drouth like the warm weather "is as usual." One only has to drive through the San Carlos Irrigation Project to see the curtailment in planting. Off the project, the wells are going down as fast as the crews can drill them. Most crews are working 10 to 12 hours a day, seven days a week. There is talk in Coolidge of privately financing a dam where the San Pedro River joins the Gila River since there is some water lost in that area in the deep gravel beds — an honest attempt to use all the water that could be made available.

Of course, with the coming of the warm weather, the local schools began closing their doors for summer vacations. The staff began taking their vacations too. Rudolph Mack, the Maintenanceman, was first up; He left the 1st of May and by using all the leave that he has accrued, he won't be back until June 20th.

Like the other areas, we shared in the publicity from the current issue of Arizona Highways.

Weather: One has only to look at the vegetation here to tell that the weather is getting warm and drier. That fresh green look of two months ago is gone; everything is browning up nicely.

Maximum temperature for May	102°F.
Minimum temperature for May	42°F.
Total precipitation	.13 inch

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CASA GRANDE NATIONAL MONUMENT

COOLIDGE, ARIZONA

May 20, 1941

Memorandum

To: Second Superintendent, SCS

From: Superintendent, Casa Grande

Subject: Monthly Narrative Report for May 1941.

General: As "par usual" the weather warmed up. The daily maximum temperatures are running from 90 to 100°F, and the staff made the change to uniform from the "summer" to the "summer", even though -- to listen to the old timers -- it hasn't let up yet since August 4th last.

The travels like the work weather "is as usual." We only had to drive through the San Carlos Indian Project to see the excitement in planting. Off the project, the cattle are going from as dark as the areas are drill black. Much areas are working 12 to 18 hours a day, seven days a week. There is talk of calling of periodic flooding a dam where the Gila River leaves the Gila River where there is some water left in that area in the deep gravel beds -- as farmers attempt to use all the water that could be made available.

Of course, with the coming of the dam construction, the Indian actually began clearing their lands for massive irrigation. The staff began being visited massive area. Looking back, the recollections, our first day, in 1918 the lot of day lot by lot, all the lands that be has secured, is worth to look back with some pride.

Like the other areas, we started in the priority from the current issue of Arizona Highways.

Weather: Our sun only is hard on the equipment but is well that the weather is getting warm and dry. The fresh green look of the weather age is going everybody is trending up nicely.

Maximum temperature for May 93°F.

Minimum temperature for May 49°F.

Total precipitation .01 inch

Visitors: As expected, the travel continued to decline as the weather warmed up; the hotter it gets the slower the travel. Regretably, to our way of thinking, the number of trips through the "ruins" remains about the same, but the number of persons per trip often drops down to one person. The number of states represented in our travel went down; Florida, Mississippi, North and South Carolina, and Vermont were blanks, as were all the territories except Alaska. Our foreign visitors were a newly wed couple from Switzerland, a young lady from Brazil, and another from China.

	1951	1950
Visitors during May	2,703	2,196
Increase	507	
Visitors for Travel Year	31,282	28,231
Increase	3,051	
Servicemen in May	22	

Interpretive Service: A total of 1,469 people made the trip to the "ruins" in 198 groups, averaging 50.8 minutes per trip. There were 1234 visitors who made only a brief stop and did not see the "ruins"; we estimate that 70% of this group did see the museum.

Visitors of Note and Special Groups:

April 27 -- 20 people from the O.S.Stapley Company, Coolidge, for a picnic.

30 people from the Coolidge Nazarene Church for a "social".

April 28 -- 34 Students of the 7th and 8th grades of the Tempe Grammar School, Tempe, Arizona, for a "ruins" visit.

10 Boy Scouts from Troop 50, Sonora, Arizona for a "ruins" trip.

April 29 -- Superintendent Supernaugh and Ranger Leading from Organ Pipe Cactus Nat'l. Mon. for a brief visit on "Offical Business".

May 4 -- 15 4H Club girls from the Konilmore School for a trip to the "ruins" and a picnic.

May 5 -- 45 Children and their parents from the Coolidge Nazarene Church for a "children's Social".

Visitors, as expected, the usual combined to decline as the weather warmed up; the hotter it gets the slower the travel. Regrettably, to our way of thinking, the number of trips through the "ruins" remains about the same, but the number of persons per trip often drops down to one person. The number of photos represents in our usual wood down; Flagstaff, Kingman, North and South Carolina, and Vermont were blank, as were all the territories except Alaska. Our foreign visitors are a newly wed couple from Switzerland, a young lady from Brazil, and another from China.

	1961	1960
Visitors during May	8,788	8,326
Increase	807	
Visitors for Travel Year	21,270	24,251
Increase	3,021	
Servicemen in May	22	

Interpretive Service: A total of 1,[illegible] people made the trip to the "ruins" in [illegible] groups, averaging 10.1 members per trip. There were [illegible] visitors who made only a brief stop and did not see the "ruins"; we estimate that 75% of this group did see the monument.

Visitors of Note and Special Groups:

April 27 -- 20 people from the U.S. Geology Company, drilling, for a photo.

20 people from the Prescott Museum Church for a "social".

April 30 -- 24 members of the YM and YW group of the Tempe Mormon Ward, Tempe, Arizona, for a "ruins" visit.

10 Boy Scouts from Troop 50, Sonora, Arizona for a "ruins" trip.

April 29 -- Superintendent Superneau and Ranger Jenkins from Organ Pipe Cactus Nat'l. Mon. for a brief visit at "Wilson Museum".

May 4 -- 12 4H Club girls from the Sentinel area toured for a trip to the "ruins" and a picnic.

May 5 -- 45 Children and their parents from the Prescott Nazarene Church for a "children's picnic".

May 10 -- 40 4th grade pupils from Eloy, Arizona, for a "ruins" visit and a picnic.

May 16 -- 35 5th graders from Coolidge for their annual weiner roast.

May 18 -- 33 5th grade pupils from Mobile, Arizona, for a "ruins" trip.

May 19 -- 15 cubs of Pack 57, Den 1, Casa Grande, Arizona, for a picnic, "ruins" trip, and bird identification session.

May 23 -- 17 cubs of Pack 57, Den 3, Coolidge, Arizona, for a picnic.

Administration and Protection: The Superintendent made a trip to Poston, Arizona, for the General Superintendent; he left early to avoid the heat and nearly froze to death on what turned out to be the coldest day of the month.

There were 5 requests for information during the month; the requested information was mailed to the persons concerned.

The Adamsville site received its usual inspection and there was no new evidence of "pot robbing".

We received a beautiful insect storage case. Now we will be able to properly handle the material which Les Arnberger collected last year. Since each of the drawers are glassed, it will certainly be easier to show them to the public than the present method of digging out the various boxes.

We have been threaten again. A Mrs. Rock of Denver requested a photograph of the "ruins" which she could include in an article she was writing -- The Most Enjoyable Side Trip I Ever Took.

Surplus: Hooray -- we unloaded some of this stuff which has been surplus for some time. Four army beds and matresses were shipped to Navajo National Monument.

Maintenance: The Superintendent has been busying himself with the maintenance work that has to be done while our Maintenance-man vacations in the rivers of traffic among the canyons and buildings of New York City. All the signs are getting a new paint job.

Library: The Southwestern Monuments Association made us a present of a new book for the library. The book is Yuman Indian Agriculture.

May 12 -- 40 6th grade pupils from Fly, Arizona, for a "prize" visit not a picnic.

May 12 -- 27 6th graders from Dodge for their annual summer visit.

May 12 -- 32 6th grade pupils from Mobile, Arizona, for a "prize" trip.

May 12 -- 32 sole of foot of, box 1, Sage Grove, Arizona, for a picnic, "prize" trip, and bird identification session.

May 12 -- 17 sole of foot of, box 2, Coolidge, Arizona, for a picnic.

Activities and Procedure: The superintendent made a trip to Prescott, Arizona, to the Natural Superintendent; he left early to avoid the heat and early from to teach on what turned out to be the coldest day of the month.

There were 3 requests for information during the month; the requested information was mailed to the persons concerned.

The Alamorito site received its usual inspection and there was no new evidence of "pot robbing".

We received a beautiful Indian dancing cane. Now we will be able to properly handle the material which has accumulated last year. Some most of the drawers are cleaned, it will eventually be easier to show them to the public when the present method of display and the various boxes.

We have been storing a fire. Each of Dover requested a photograph of the "prize" which she would display in an article she was writing -- The Fort Stanwix Site Is Our First.

Employee Morale -- no related area of this report which has been subject for some time. Our duty hole and reference were subject to Service Bulletin comments.

Relationships: The superintendent has been meeting closely with the Maintenance Superintendent and the Park Ranger; the relationship in the fields of events among the members and helpfulness of the Park Ranger. All the staff are getting a new plan.

Library: The Southwestern Monuments Association made us a present of a new book for the library. The book is Tumacacori Mission.

Wildflowers and Cactii: According to Pima tradition the New Year started around May 1st this year, that is according to the folks who saw the first blooming of the Saguaro Cactus. The Saguaro here on the monument as just beginning to show buds, so our new year, apparently, wil be a little later.

A. T. Bicknell
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Chaco Canyon National Monument
Bloomfield, New Mexico

May 26, 1951

Memorandum

To: General Superintendent

From: Superintendent, Chaco Canyon

Subject: Report of Activities at Chaco Canyon National Monument during the month of May, 1951

Weather Conditions

Although some relief from the continued drought came to surrounding areas weather here continued extremely dry with only .14 inches of moisture. Many windy and dusty days were experienced but temperatures remained a little cooler than normal. The minimum was 28 degrees and the maximum temperature was 89 degrees.

Administration

The Superintendent attended two road meetings at his own expense during the month. On May 7 he attended the State Convention of the Highway 66 Association at Grants, New Mexico and on May 15th a meeting of all of the Chambers of Commerce delegates from towns bordering the Navajo Indian Reservation. The purpose of the meeting being to discuss proposed road development on the Reservation with Indian Service officials, and to promote the concerted efforts of the various delegates in working for the Indian Service program as a whole. A great deal was accomplished by the meeting in bringing to agreement conflicting opinions and should bring results in better roads. Delegates attended from Cortez, Mancos, and Durango, Colorado. New Mexico was represented by Gallup, Farmington, and Aztec. Arizona by delegations from Winslow, St. Johns, Holbrook, and Flagstaff. Utah by a delegate from Moab. Mr. Allan G. Harper, General Superintendent of the Navajo Agency, and Mr. Harold Johnson, Road Supervisor represented the Navajo Service.

Considerable time has been spent in other administrative duties concerned with the issuing of bids for the new quarters, etc.

Maintenance

Water piping beneath the surface of the road on both approaches to the bridge had formed large caverns which were discovered, when inspecting the bridge. These were repaired and filled with rock rubble and new surfacing placed on the road. Several more signs were installed and the loose

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Glacier National Monument
Kalispell, Montana

May 27, 1941

Memorandum

To: Regional Superintendent

From: Superintendent, Glacier Monument

Subject: Report of activities at Glacier National Monument during the month of May, 1941

Winter Conditions

Although some relief from the continued drought was in evidence, snow conditions were neither adequately nor with only 34 inches of moisture. Deep drifts and steep dips were experienced in transportation resulting a little weather lost period. The minimum was 20 degrees and the maximum temperature was 87 degrees.

Administration

The superintendent attended the final meeting of the year on June 2 during the month. On May 7 he attended the Glacier Conservation of the Highway Bi Association at Great Falls. The Director and on May 12 a meeting of all of the Chiefs of Interior Activities from Glacier Cooperating the Bureau of Indian Administration. The purpose of the meeting being to discuss proposed road development in the Interior with Indian Service officials, and to provide the essential efforts of the various Interior in working for the Indian service program as a whole. I spent two days accompanied by the superintendent in inspection of outstanding opinions and should lands available in Glacier Park. Telephone extension from Cutbank, Babb, and Swift, Glacier. Use permits for experimental by Indian, Pendleton, and Glacier. Letters of Congratulation from Indian Chiefs, Interior, and Forestry. Talk by a Indian from Babb. Mr. Allen H. Harper, General Superintendent of the Blackfeet Agency, and Mr. Edwin Jackson, Head Superintendent presented the Service.

Considerable time has been spent in other administrative matters connected with the handling of mail for the new Headquarters, etc.

Maintenance

Many visitors towards the western of the park as well temporarily in the Spring and Fall Bridge Service which were discontinued temporarily the bridge. Three were repaired and filled with road crew which has been working planed on the road. Crushed rock [illegible] was installed on the Glacier

rocks removed from the roads. Culverts were cleaned and other road repair accomplished.

Approximately 2,115 feet of two inch water pipe along with valves and unions have been recovered from the old CCC site. There is an undeterminable amount of 1½ inch and smaller pipe yet to be recovered.

U.S.I-31800 and USI-31784 were taken to Farmington for repair as will other pieces of equipment be when time permits.

Soil and Moisture

The Soil and Moisture project has been completed as far as available funds permitted. Common willow cuttings were made and planted as well as many cable and tree structures installed. Repair and additions were also made to existing jetties. A crew of from four to seven Navajo workmen have been employed on this and other projects. The Peachleaf Willow plantings made in April are leafing out nicely but unless we get some moisture soon it is doubtful that they will all survive.

Interpretive Services

Thirty five trips with an attendance of 160 people were taken thru Pueblo Bonito. There were 24 Museum contacts totaling 115 persons. A total of 70 hours and 15 minutes was spent in guide and contact time.

Travel

there were 203 visitors in 81 cars. Travel year to date figures show an increase of 43 % with 980 to date.

Visitors

Artist George Petty, the prominent portrayer of feminine pulchritude and W.H.Fawcett Jr. of Fawcett Publications, Norwalk, Connecticut.
Mr. O.C. Havens of Gallup, New Mexico who was a photographer for Neil Judd during the excavation of Pueblo Bonito.

Approach roads

The south approach was graded during the month and is now in as good a condition as it has been for some time. However lack of moisture and the continuous windstorms have pitted it again to some extent.

Permits

Two permits were issued to move stock across the Monument, One to Ed. Sargent and one to Rafell Nescalito.

Meredith M. Guillet
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Chiricahua National Monument
Dos Cabezas, Arizona

May 26, 1951

Memorandum

To: General Superintendent

From: Superintendent, Chiricahua

Subject: Monthly Narrative Report

Following is a report of activities at Chiricahua for the month of May:

Weather. The month of May was typically dry with rain on the 1st. and the 15th. totalling .11 inches. Temperatures were high for the area at the close of the month with a 93 degree reading on the 25th.

Special Activities. A visit to the Monument was made last month by a representative of Universal studios to inspect the area in regard to filming a technicolor about the life of Cochise. This month, Director Sherman and four of his assistants, returned on the 18th for a detailed study. The decision was reached that Chiricahua provided too few open areas for the equipment and the shots necessary for the picture. Therefore, thought is being given to setting the scene at Texas Canyon, west of Willcox.

Inspections. Chief of Development Vint, in company with Messrs. Davis, Lassiter, and Miller, inspected the Monument on the 30th of April. While in the area, the group marked out four additional trailer sites in the campground and discussed adding more at a later date.

Mr. Dodd of the Chief Forester's office and Mr. Carlson, Regional Forester, inspected Chiricahua on the 25th. of the month.

Maintenance. All of the Monument personnel gave a share of work time this month to the checking and repair of the telephone line. Communication is now very good.

The trailer sites located by Messrs. Vint, Davis, Lassiter, and Miller are about 90% completed.

Approaches to Monument. All of the approach roads, including the drive from Portal over Onion Saddle, are dusty but in good condition. The Monument road remains excellent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Saguaro National Monument
Tucson, Arizona

Mar 16, 1961

Memorandum

To: Superintendent

From: Superintendent, Saguaro

Subject: Monthly Narrative Report

Following is a report of activities at Saguaro for the month of May:

Visitors. The month of May was typically the peak month on the park, and the 12th, including 21 Indian. Temperatures were also the hottest of the month with a 97 degree reading on the 27th.

Special Activities. A visit to the Monument was made last month by a representative of Universal Studios to discuss the area in regard to filming a television show the life of Wyatt Earp. Director Stanley and four of his workmen, endeavored on the 23rd for a detailed study. The decision was reached that Saguaro provided the few open areas for the wagons and the mountains for the setting. Therefore, Saguaro is being given the opportunity of Tombstone, Arizona, of filming.

Protection. Chief of Protection Hall, in meeting with Ranger Kelly, Lawlong, and Fillion, inspected the Tucson on the 25th of April. Fillion is the new, the 1960 model and has additional helpful items in the emergency and firefighting equipment of a large size.

Mr. Hall of the Tucson Forester's office for Mr. Fillion, Regional Forester, inspected Saguaro on the 25th of the month.

Maintenance. All of the Saguaro personnel put a short of work during the month in the Monday week in the morning and regular of the maintenance time. Transportation is now very good.

The trucks which loaned by Tucson, Ariz., Kelly, Lawlong, and Fillion are about 300 overtime.

Concessions in Operation. All of the concession units, including the Jones Tent Cabin, Jones Cabin Cabins, are doing fair in good condition. The Cottonwood Tent Cabins continue.

Interpretive Service. 1338 visitors in 366 parties were contacted in the museum this month. 55 visitors were taken on conducted hikes for a total of 12½ hours. One conudcted auto tour with 5 visitors took one hour. One illustrated lecture of 1½ hours duration was given in the museum to 22 visitors on the night of the 11th. Two visitors used the self-guided nature trail for ½ hour.

Travel. Travel dropped to 1453 visitors as compared to 1805 for May of 1950. This leaves us 871 behind last year for this travel year to date. It has been suggested that the war situation has given the workingman longer hours as well as a reticence to use his car for longer trips. This could in part explain the decrease in travel.

Camper use continued to be good at Chiricahua with 195 visitor days recorded for May. The month brought 90 visitor days to the neighboring guest ranches with the Silver Spur decreasing in count and Faraway increasing.

Ranger Service. A Mr. Alan Anderson of Logan, Utah, will be the Seasonal Ranger at Chiricahua for this summer. Mr. Anderson will report for duty with his brand new bride on the 3rd. of June. The wedding date is May 31. He has spent one previous season with the Service at Bryce Canyon.

Forest Fire Protection. The Chiricahua Look-out, Mr. W.J. Marble, entered upon duty on the 12th. of May. Prior to that time, extensive patrols of the area were made by the local force for detection purposes.

No smokes have been reported on the Monument or on the adjoining Forest Service lands to date.

Ranger Urba Post of the Coronado National Forest, will conduct a fire training school at Rustler's Park on the 1st. and the 2nd. of June. All Monument personnel have been invited to attend.

Clair V. Cooke,
Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
El Morro National Monument
El Morro, New Mexico
May 20, 1951

Memorandum

To: General Superintendent

From: Superintendent, El Morro

Subject: Monthly Narrative Report

This month, there were 278 visitors who came in 81 automobiles. This is considerably less than a year ago, but the Ice Cave is suffering from the same slump as is Highway 66 according to reports. Of these people, 240 took a trip around the rock and formed 68 parties. 53 took a trip over the top in 10 parties. 30 persons in 10 parties received an orientation talk.

The warmest this month was today with 80 degrees, and the coolest was 12 degrees Fahrenheit. There was .7" of an inch of moisture which included a snowstorm on the 10th!! The warm weather has been very late in coming this year.

At the beginning of the month, the superintendent attended a fire training school at Tucuffey. Old acquaintances were renewed, new acquaintances made and it turned out the the assistant supervisor was an old friend of [illegible] years standing. With it all, some fire fighting was learned.

The technician came by and gave the light plant the usual monthly checkup. He spent part of two days here.

The valves were repaired and water turned into the ranger cabin.

The concrete tables were located, set up and concreted in place.

The basement had a place for a window, but for some reason, it was apparently never put in. The hole was boarded up, which made the place as dark as a coal mine when the light plant was not running. A large steel sash was purchased and installed in concrete. The NPS is not afraid to fire the furnace now -- should have thought of that long time ago!!

A trash burner was built which is large, has plenty of ventilation so that every scrap is burned, yet the holes are small enough so that only tiny bits of well burned paper can escape.

A new garbage pit was dug - 12' x 15' by 6' deep. A broad, deep, earthen stairway was built into it. Next season when freezing weather strikes one will be able to walk into the pit instead of sliding in in various positions.

All the wooden window frames on the office, the superintendent's residence, the rest room and the garage and all the screen doors, wooden doors and large sliding doors on the same were given a coat of linseed oil.

The register stand received two coats of stain and several signs received a coat or two of the same.

One trip was made to Gallup to purchase white gas and other supplies.

The RMA representatives advise us that some of the materials to bring us power have been bought, but we won't believe it until we see it!

It looks like finally we are to get the piece of land, Section 5, in front of the Monument. I think that this week I have processed the last papers from this end.

We had planned on reemploying our seasonal ranger of last year, but late this spring he informed us that he had decided to attend summer school. He wants to get as much education as he can before he gets yanked back into the army. Therefore, this month, a hurried, one-day, special trip was made to Albuquerque to the University to employ a man who reports for duty on June 6th.

This month, I caught up on the mail which had accumulated while I was gone last month. Upon my return, it was literally stacked up nearly a foot high!

Visitors included Herman Morgan, ranger at Bandelier, and Helene Abel, ranger at Mesa Verde.

Irving McNeil, Jr.
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Gran Quivira National Monument,
Gran Quivira, New Mexico

May 25, 1951

Memorandum

To: General Superintendent

From: Superintendent, Gran Quivira

Subject: Monthly Narrative Report for May 1951

Weather. This month has been very dry and daily high winds were received. Precipitation totalled .11 of an inch for the month, certainly not enough to settle the dust. Maximum temperature averaged about 80 degrees and the minimum about 40 degrees. The area in the vicinity of the monument appears to be in one of the worst drought periods in years. Spotty rains are received but too infrequently to insure good range conditions.

Cooperating Governmental Agencies. The New Mexico Game and Fish Department are conducting a survey of range conditions of the Chupadera Mesa. Game Ranger Earl Turner visited on the 15th and mentioned plans of the Department to take a deer count on the game refuge which lies 5 to 30 miles south of the monument.

District Ranger Euel C. Nave, U.S. Forest Service, has replaced Ranger Harlan Johnson, on the Cibola National Forest. Ranger Nave, formerly of Coronado National Forest which adjoins Chiricahua National Monument, called at the monument to renew an old acquaintanceship with the Superintendent.

Inspections. Messrs. John Davis, Ray Lassiter, Jerome Miller and Tom Vint spent most of May 2 inspecting the area and visiting Abo and Quarai State Monuments.

Dr. Erik Reed on May 3 to inspect the ruins stabilization and excavation projects.

Special Activities. The Superintendent attended a Chamber of Commerce banquet held in Mountainair on May 2. New Mexico's Governor Ed Mechem, the principal speaker, discussed tourist travel in the State and the improvement of the highway system.

Trails. The Mission Trail was extended to include the recently excavated indian house mound and kiva. This new portion of trail provides the visitor an opportunity for an overall view of the

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

New Jersey National Seashore,
Sea Girt, New Jersey

May 25, 1960

Memorandum

To: Director, Southeastern Region

From: Superintendent, New Jersey

Subject: Monthly Narrative Report for May 1960

Weather. This month has been very dry and only high clouds were prevalent. Temperatures averaged 4 to 5 degrees for the month. Precipitation was enough to enable the grass. Visitors temperature reached about 80 degrees and the waters about 60 degrees. The sand in the vicinity of the monument appears to be in the top of the sand dunes periods in years. Dredgy rules are required but the Entomologist is taking good care monitoring.

Concessions or Commercial Leasing. The New Jersey Beach and Park Department are contacted's survey of beach conditions of the Longbeach Island. Some larger Park Tower visited on the Park and restricted place of the Department to take a boat ride on the open ocean which like 2 to 3 miles north of the monument.

Meeting Beach Land C. Bryn, U.S. Forest service, has requested Senior Burton Jensen, on the Atlantic National Forest. Beach-Bryn, Forestry of Canada National Park also interested distance national Seashore. Noted as the monument to study so as to negotiate-adjusting the Superintendent.

Interpretation. Rangers, Park Staff, Sea Laboratory, Parson Allen and the Park Guard meet to day's interpretive the area and visitors. Pin-tail Guard Grade Summaries.

Mr. Bryn time on day 3 to support the water availability and preservation projects.

General Activities. The Superintendent attended a Conference of Commerce Department held in Lakehurst on May 2. The Conference Director of Conner, the principal speaker, discussed tourist travel in the State and the importance of the highway system.

Trail. The Atlantic Trail was extended to include the recently acquired Little Egg Island and Bay. This has provided trail overlook the station is appropriate for an overall view of the

exposed rooms and also access into the rooms themselves. A protective barrier chain was placed around the kiva for the safety of the visitor.

Two inserts to the current self guide pamphlet were prepared during the month. These were edited and mimeographed by the Naturalist's office and have been included in the self guiding tour.

Excavation and Ruins Stabilization. The stabilization of San Buenaventura mission was completed by Archeologist Vivian and his crew on May 3. Surface drainage was provided for the church and monastery, wall veneer stabilized with caliche and cement, and much patching performed. A small work crew continued on cleanup through May 19.

The excavation work on the indian pueblo carried on in conjunction with the mission stabilization was completed also this month. Many of the artifacts uncovered by Mr. Vivian have been placed in the temporary exhibit room and the remainder in storage in the equipment shed.

In addition to the stabilization and excavation work, Mr. Vivian and crew partially cleaned out the interior of the nave of San Ysidro mission. The excavation, carried on in the sanctuary section of the church, revealed the remnants of several small rooms, a side altar, pulpit, and several other architectural details. It would appear from these findings that San Ysidro, of the two churches in this Indian village, had received the most extensive use. As time permits, monument personnel will continue the cleanout of the rest of the nave.

Travel. A 31 percent increase in travel was recorded this month. 252 persons in 75 cars visited the area, 80 percent of these New Mexico residents and 20 percent out-of-State.

Interpretive Services. The interpretive program has been expanded to include, within the conducted and self guiding trail trips, that portion of the village recently excavated. 173 persons in 53 parties were conducted through the ruins for an average of 44 minutes per party. 242 persons visited the museum and 20 parties of 79 persons used the self guiding trail pamphlet. 240 of the monuments 252 visitors were contacted.

Personnel. Archeologist Vivian left for Chaco Canyon on May 12. Termination papers were submitted for Wilburn A. Leavelle, laborer.

Ray B. Ringenbach
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

GREAT SAND DUNES NATIONAL MONUMENT
Alamosa, Colorado

May 27, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Great Sand Dunes

Subject: Superintendent's Narrative Report for May, 1951

Weather Conditions

Beautiful week-day weather with cold windy weekends was the weather story for May. Only one nice Sunday has come along in the last seven weeks and travel was reduced considerably as a result. The maximum temperature was 75° on May 20, the minimum was 22° on May 2, and 0.26 inches of rain fell in light showers during the month. Several "dry" thunderstorms were experienced.

Inspections

Naturalist Les Arnberger visited us May 11 and 12. Les was of particular help in getting me straightened out on the fact file and was of general assistance in a great many more ways than he realized.

Rehabilitation

Every possible minute I could find was spent during the month on rehabilitation and maintenance. The rest of the paint was removed from the front room and bedroom floors and the asphalt tile is now completely installed throughout the house. Asphalt cove base samples were finally received yesterday and the final order and selection is now made. I hope to receive it within the next couple of weeks and get this job out of the way.

The cupboard doors have been received from Wallrich Lumber Company but are not yet installed.

Maintenance

The water storage reservoir at the Lower Mosca Creek Camp-

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

GREAT SAND DUNES NATIONAL MONUMENT
Alamosa, Colorado

Aug 27, 1931

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Great Sand Dunes

Subject: Superintendent's Narrative Report for Aug, 1931

Weather Conditions

Beautiful week-day weather with only slight weekends for the weather story for Aug. Only one rice shower has come along in the last seven weeks and travel was reduced considerably as a result. The maximum temperature was 78° on Aug 20, the minimum was 32° on Aug 2, and 0.34 inches of rain fell in light showers during the month. Several "dry" thunderstorms were experienced.

Inspections

Naturalist Lee Lukenbyer visited on Aug 11 and 12. Her use of particular help in getting me straightened out on the fact file and her of general assistance is a great deal more than be realized.

Rehabilitation

Every possible effort I could find was spent during the month on rehabilitation and maintenance. The rest of the point was removed from the front room and bedroom floors and the asphalt tile is now satisfactorily installed throughout the house. Asphalt strip roofing was finally received yesterday and the final entry and alteration is available. I hope to receive it within the next couple of weeks and get this job out of the way.

The cupboard doors have been received from Salinas Lumber Company but are not yet installed.

Maintenance

I a water storage reservoir at the Lower Moose Creek Camp-

ground was thoroughly cleaned and water was turned on for public use on April 30. The large full pane windows in the office were reset to eliminate cracks and a touchup coat of paint was given the outside woodwork preparatory to a full coat I hope to put on next week.

The materials for the plumbing work on the expandable trailer arrived the first of the month and eight days were spent helping Mr. Seaberg of Alamosa put in the bathroom plumbing and fixtures, grease-trap, and outside soilpipe connections to the cesspool. The bathroom partition in the trailer was put in. While he was here, Mr. Seaberg helped me clean out the drainpipe from the laundry tub on the back porch of the house which are now in use for the first time since my arrival. Mr. Seaberg tells me that the trouble, which had completely plugged over 30 feet of pipe, will recur until the kitchen sink is diverted through a grease trap before entering the main line.

The entrance road was graded twice and at the end of the month is in the best shape it has been in this winter. Cleanup of the campground assumed summer magnitude as school groups found napkins and papers impossible to control during the high winds.

Concessioner

The A. W. Graves Saddle Horse Company brought in their horses on May 15. The proper insurance was secured before operation began from the same company which furnished it last year. Business has been very poor so far due to the slow travel and poor weather.

Interpretive Services

Eleven talks were given outside the area during the month. Ten of these were given to the following groups on "National Parks Wildlife" illustrated by the Region Three Office 16 mm. movie.

1. 89 members of Blanca Consolidated School at Blanca, Colorado on April 26
2. 34 members of Alamosa Kiwanis Club at Alamosa on April 26
3. 123 members of Hooper Consolidated School at Hooper, Colorado on April 27
4. 112 members of Mosca Consolidated School at Mosca, Colorado on April 27
5. 27 members of General Biology Class at Adams State College at Alamosa, Colorado on April 27.
6. 42 members of Alamosa Lions Club at Alamosa, Colorado on May 2.

7 and 8. Two groups of 50 and 75 from San Luis Institute of Arts and Crafts Branch of Adams State College at San Luis, Colorado on May 3

9. 15 members of Wesley Foundation, Methodist Church, Alamosa, Colorado on May 6
10. 38 members of Moffat-Hooper-Mosca Service League at Mosca, Colorado on May 7.

The eleventh talk was given to 34 members of the Hooper Farm

Bureau at Hooper, Colorado. May 8 The subject was "Desert Plants and Animals" illustrated with 35 mm. slides from Organ Pipe Cactus National Monument.

Research and Observation

Les Arnberger helped me straighten out the observation section of my fact file and a great many spring observations of birds, flowering dates, and the like are now entered. 17 different species of flowering plants were collected during the month for forwarding to the National Museum.

Many deer observations were made as they moved down into the flats from the high mountains at the time the browse became green. They are almost without exception in excellent shape and went through the winter very well. This was probably due to the mild dry winter.

Dr. Craft, head of the biology department at Adams State College, spent yesterday helping me work out the proposed nature trail. In doing so, he located at least 15 different species of moss in the 300 yeard stretch along Mosca Creek in which we propose to locate the nature trail. Dr. Craft now proposes to do a thorough study of the mosses of the area due to the interest generated by yesterdays work.

Two of our three known native lizard species have been observed enjoying the spring sunshine.

Decrease in Travel

The decrease of 83 visitors was due mainly to the cold winds blowing on each weekend as if by schedule. The trend of the travel the past week has been decidedly toward the genuine out-of-state tourist.

Protection

A temporary flurry of interest in uranium brought several prospectors to the monument looking for a purported body of ore on Section 15 just below Arrastre Canon. The regulations were explained to them and the Alamosa County records were checked to be sure that no claim had been filed contrary to regulations. This has been covered by special memorandum. Check of the Saguache County records will be made this next week.

Visitors

School groups visiting the monument included the Rio Grande County High School Band of Monte Vista, the Cheyenne Mountain High School boys of Colorado Springs, a Pueblo Central High School group, Manassa Sixth Grade and Manassa High School of Manassa on different days, Fifth and Sixth Grades from Fort Garland, Stanley School near Alamosa, and Capulin School of Capulin.

Museum at Aspen, Colorado. The subject was "Insect Plants and Animals" illustrated with 35 mm. slides from color film taken National Monument.

Research and Observation

Les Anderson helped me enlighten my the observation section of my fact file and a great many spring observations of birds, flowering dates, and the like are now entered. Of different species of flowering plants were collected during the month for forwarding to the National Museum.

Many deer observations were made as they moved down into the valleys from the high mountains at the time the snows began. They are almost without exception in excellent shape and seem to survive the winter very well. This was probably due to the mild dry weather.

Dr. Graff, head of the Geology Department at Mesa State College, began preliminary building on work on the proposed nature trail. In doing so, he located 12 different species of ferns in the 300 yard stretch along Rose Creek in which we propose to locate the nature trail. Dr. Graff has promised to do a thorough study of the geology of the area due to the interest generated by preliminary work.

Two of our three known native lizard species have been observed sunning the spring months.

Interest in Trees

The Nature of Mt Wheeler was due supply to the Nile Club showing on each weekend as it by schedule. The trend of the travel the past week has been decidedly toward the growing out-of-state tourist.

Fishing

A temporary injury of interest in trout through several prospectors in the mountain leading for a purported lady of ore so section is just below Crystal Dams. The regulations were explained to them and the Alamosa County Sheriff was thanked to be sure that no claim had been filed contrary to regulations. This has been covered by weekly patrolling. Some of the Rainbow Brook trouts will be [illegible] to run.

Visitors

School group visiting the monument included the Sis Brown Young Men School of Alamosa State, the Chapman Junior High School Boys of Colorado Springs, a Pueblo Central High School group, Mesa State Area and Mesa High School of Alamosa on different days, Girls and Girls Scouts from Fort Garland, Presbyterian Sunday School, and Capulin School of Capulin.

A group of 16 Forest Recreation and Game Management Seniors from Colorado A.&M stayed overnight and were entertained by my wife and me for the evening. They were accompanied by Ronald Ryder of the Co-operative Research Unit at the college and Mr. Kobes of the Fish and Wildlife Service.

George White, owner of private in-holdings, was in to check on his place. He intends to bring his cattle in sometime in July.

Accidents

Three Alamosa High School boys, riding around after the Junior-Senior Prom, went to sleep and ran off the road just south of the checking station at 5 A.M. on May 19. One of the boys, Lynn Hiatt, suffered a broken nose and the front end of the car was completely demolished. Fortunately they were traveling at a slow rate of speed. Lois (Mrs. Bean) took the boys to town and delivered them to their parents.

Personnel

Silver R. Jaramillo reported yesterday for duty as temporary ranger. He will work weekends until June 9 when he will go on permanent duty. Silver is being indoctrinated properly as his first job is completion of the cesspool for his house. His arrival means summer travel has begun.

(SIGNED)

Glen T. Bean
Superintendent

A group of 18 Boise conservation and Game Management leaders from Colorado A.&M. stopped overnight and were entertained by my wife and me for the evening. They were accompanied by Donald Quayr of the Co-operative Research Unit at the college and Mr. Rowe of the Fish and Wildlife Service.

George Wolfe, owner of private installation, was in to check on his lease. He intends to bring his cabin in sometime in July.

Accidents

Three students high school boys, riding around with the Pocatello-Boise jitney, went to sleep and ran off the road just south of the Glenns Ferry station at 2 A.M. on May 18. One of the boys, Lynn Hunt, sustained a broken nose and the front end of the car was completely demolished. Fortunately they were travelling at a slow rate of speed. Lois Kerr, Jean Hunt and the boys to town and delivered them to their mother.

Activity

Oliver L. Gunville reported yesterday for duty as temporary ranger. He will work until June 7 when he will go on vacation duty. Oliver is being transferred properly as his first job is completion of the swimpool for his home. His arrival marks summer travel has begun.

(Signed)

Alan K. Ness
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

MONTEZUMA CASTLE NATIONAL MONUMENT
CAMP VERDE, ARIZONA.

May 25, 1951

Memorandum

To: General Superintendent

From: Superintendent, Montezuma Castle.

Subject: Monthly Narrative Report, May 1951.

Weather: For May this has been a rather wet and cool month. Showers fell on five days throughout this report period for a total of 1.2 inches of rain. Weather generally has been most pleasant with maximum temperatures reaching 92 degrees and minumum readins averaging in the 40's. A few cold days were experienced during the first and middle of the month when snow fell on the surrounding mountains.

Travel: As it usually does, travel dropped some this month as compared to last month. 2,510 people in 805 cars visited the Castle and 1,081 people in 373 cars saw the Well. This makes a monthly total of 3,591 visitors in 1,178 cars to this area, and compares favorably to last May's travel figure of 3,097 visitors.

Interpretation: Visitors numbering 686 were conducted through the Castle on 153 trips, and approximately 2,200 saw the museum. The Sycamore Trail was used by about 2,000 people. At the Well 193 people visited the museum and 1,081 hiked the LoopTrail.

Ranger Pierson accomplished considerable work on the area's fact files, especially the bibliography section regarding Montezuma Castle. He also worked on the library, placing in in more workable order.

Both Pierson and White took several kodachrome pictures of the many flowering plants at both the Well and Castle. These pictures are to become a part of the photographic file of plants common to this region.

Visitors: On April 28 Road Foreman John McKee and family from Grand Canyon.

On April 28, Dick Shutler Jr. of the Museum of Anthropology, Univ. of California, and Dick Shutler Sr. from San Francisco.

On May 3, Naturalist Grater and Chief Ranger Jolly from Lake Meade.

On May 7, twenty students from Humbolt Public School, Arizona.

On May 13, Automotive Mechanic and Mrs. D.B. Howeth from Grand Canyon.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

On May 15, Lyle Bennett from Regional Office.

On May 17, twenty-eight forestry students from Colorado A. & M., Fort Collins.

On May 22, Mr. and Mrs. Wm. T. Marshall, Director of Desert Botanical Garden, Tempe.

Two groups utilized the picnic area at the Well. The Verde Valley Pioneers Assoc. held their annual picnic on May 6., and the Hiking Club of Cottonwood had a picnic there.

Construction and Maintenance: Again several maintenance jobs were completed this month. Linoleum which was damaged last winter by a broken water line was replaced in the kitchen of Residence No. 1. The pit toilet buildings, located in the public camp ground, were given an outside coat of paint. A small shed was constructed to house the light meter and switches serving the museum building.

At the Well the picnic area was cleaned and many dead branches were removed from the trees in the area.

On May 15, Regional Architect Bennett arrived for the purpose of locating the proposed model of Montezuma Castle. After l oking over several possible sites, it was decided to place the model and shelter near where the benches are now situated.

Fire Protection: All fire fighting equipment was checked and placed in good operating condition. Soda and acid extinguishers were cleaned and recharged.

Roads and Trails: At Montezuma Well, a culvert was constructed from empty bitumuls barrels and installed in the entrance road; drainage ditches were cleaned. At the Castle, the paved entrance road was patched in several places and a dmaged culvert head repaired. Tumbleweeds, overhanging branches, and debris were removed from the roadsides. Also, a sign 2½ by 4 ft. reading: Entrance, Montezuma Castle National Monument, National Park Service, Department of the Interior; was installed at the north entrance to the area. The utility area roads potholes were filled and smoothed.

The Sycamore Trail and footpath leading to the base of the ladders were thoroughly swept and all broken sections of trail repaired.

Flora and Fauna. Recent rains have caused may wildflowers to bloom profusely. Mesquites, catclaws and sycamores are agin in full leaf. It has been noted that these trees and shrubs were about thirty days lter than usual in turning green.

On May 16, life vessels from England arrived.
On May 17, twenty-eight Israeli aircraft from Dalavan #1, & 2, Port Gillis.
On May 18, Dr. and Mrs. Sam I. Barrenil, director of Beers Internal Service, Tonga.
The group utilized the picnic area at the Hall. The Tonga Daily Pioneers issue, said 45-in second picnic on May 8, and the Editor flat of interested had a picnic there.

Preparation and Maintenance. Each arrival maintenance job were completed this month. Electric-shock was damaged last winter by a frozen water line was repaired in the kitchen of Dalavan 1. The pie table building, located in the public rest ground, was given an inside coat of paint. A small shed was constructed to house the light water and children around the swimming pool.

In the hall the picnic area had cleaned and cleaned and grounds were removed from the trees in the area.

On May 24, Dorinal Aviation Company arrived for the purpose of landing the proposed model of Tonganese Studio. After 1-hour over several passes in alone, it was decided to-start the model not matter over where the engines are too distant.

Plan Maintenance. All Pine Flyaway equipment was checked and found in good operating condition. Both and axle assemblies were cleaned and repaired.

Boats and Trails. In Dangerous Hall, a cabinet was constructed from empty Ecomomia Carrels was installed in the cabinet; and, trailing dishes were cleaned. In the Daily, the usual activity was a picnic in several places and a major injury was avoided. Tomorrow, over-night trailer brought, and dates were received from the reminder. Also, a plan 25 by 2 ft. remodel Tonganese Studio 2-trunk Dormant, national park service. Department of the Interior, was installed at the area entrance to the area. The utility area needs particular care filled and painted.

The Tonganese Trail and Ranger's Cabin in the base of the Lakes were thoroughly swept and all trash emptied of total trailers.

Plans and Dates. Safety rules have caused my wildlovers to place protective shelters, detachment-and visitors are kept to full land. It has been noted that stage tones not Dr-Tin now Alert thirty days like that usual in morning crews.

Southwestern Monuments Association : While on annual leave, May 5, opportunity was taken to attend the opening of Paul Coze's art show held in Phoenix. The primary purpose of this affair was to show Coze's paintings of the various Southwestern Monumants, reproductions of which are appearing in the May edition of the Arizona Highway Magazine. This was a very interesting show and, according to the papers, over two thousand people viewed the paintings during the first week.

1,000 copies of the May edition of Arizona Highways have been received and placed on sale. Also, 500 copies of Henry Collin's, "Birds of Montezuma Castle and Tuzigoot", have arrived and these too have been put on sale. Since sales have been off this past month, it is impossible to tell how popular these two new items will prove to be.

Personnel: Harvey N. Koller, of Camp Verde, entered on duty April 23, as Seasonal Park Ranger. He has worked here this past year as Laborer and WAE Guide.

JOHN O. COOK
John O. Cook
Superintendent.

JOHN O. COOK

Navajo National Monument
Tonalea, Arizona

May 27,1951

Memorandum

To: General Superintendent

From: Superintendent, Navajo

Subject: Narrative Report for May, 1951

Travel: Ninety-three visitors made their way to Navajo this month, nine less than in May 1950. Seventy-three persons camped one or more nights in the area and several parties camped at Keet Seel Ruin.

Weather: A high of 90° was reached at the end of the month and the low for the period was 25°. There was 1.49 inches of moisture this month, .50 of it in the form of very wet snow.

Approach Roads: Most of the approach roads are in good condition. There are a few dry stretches that have become corrugated but they are not bad at this time.

The A.E.C. has rebuilt part of the road between Dinnehotso and Mexican Water continuing with a new road into Monument Valley to a uranium mine. The new road turns north while the old road continues east and west. There is a sign indicating the route to Kayenta and points beyond but its size and location make it very hard to see. Many visitors have followed the better road to eventually end at the mine.

Land Status: A new land status report was prepared and submitted to the Regional Office. This report was approved and sent to the Washington Office for approval.

Road and Trail Maintenance: We have had enough moisture this month to allow us to get a head start on the sand. Rock removal from the road has taken a lot of time and has made quite an improvement. Much trail work has been accomplished and there is more to be done.

Guide posts were installed to Keet Seel Ruin. More and more people are hiking to the ruin and the markers have proved to be of assistance.

Navajo National Monument
Tonalea, Arizona

May 27, 1931

Memorandum

To: General Superintendent

From: Superintendent, Navajo

Subject: Narrative Report for May, 1931

Travel: Sixty-three visitors made their way to Navajo this month, nine less than in May 1930. Seventy-three persons camped one or more nights in the area and several parties camped at Inscription.

Weather: A high of 90° was reached at the end of the month and the low for the period was 32°. There was 1.49 inches of moisture this month, .50 of it in the form of heavy rain.

Approach Roads: Most of the approach roads are in good condition. There are a few dry stretches that have been corrugated but they are not bad at this time.

The A.S.C. has rebuilt part of the road between Kinnebetsie and Mexican Water connecting with a new road into Monument Valley to a wrecking place. The new road turns north while the old road continues east and west. There is a sign indicating the route to Layeeta and points beyond but its size and location make it very hard to see. Many visitors have followed the better road to eventually and at the mine.

Land Status: A new land status report was prepared and submitted to the Regional Office. This report was approved and sent to the Washington Office for approval.

Road and Trail Maintenance: We have had some motors this month to allow us to get a head start on the work. Rock removal from the road has taken a lot of time and has made quite an improvement. Much trail work has been accomplished and more is sure to be done.

Guide posts were installed to Keet Seel ruins. More and more people are biking in the ruin and the markers have proved to be of assistance.

Building Construction: June 15 should see most of the project completed. Two cement floors were poured, two partitions (one in the old bedroom and one in the new garage) were completed, a clothes closet was built in the new bedroom, the window and door trim was installed, light fixtures purchased and installed and some outside landscaping accomplished this month.

General: To me, the most important item was the raising of the roof in the spring tunnel. This had been done by me before, verbally, but now at long last one can stand erect while working on the water pump. The pump house door is next on the list for remodeling.

A door was built and installed on the tool room. A new corral was constructed farther away from the house. Pipeline was enthusiastic about the new corral but he takes a dim view of building a "saddle hogan" to house his riding equipment.

Two trips were made to Flagstaff for supplies plus hauling two loads of sand, three loads of rock and five loads of poles.

Miscellaneous: A visitor reported seeing a fawn being chased by a coyote near Navajo Mountain. Our local Navajos were very much alarmed at the news. It seems this is "bad" and will bring bad luck to the Indians. Any deer or bear on or near Navajo Mountain (their sacred mountain) causes "bad things" to happen. Several years ago a bear was seen on Navajo Mountain and as a result "all the old medicine men around there died".

John A. Aubuchon
Superintendent

Building Construction: Once in should see most of the projects completed. Two cement floors were poured, two partitions (one in the old bedroom and one in the new garage) were completed, a clothes closet was built in the new bedroom, the stoves and door trim was installed, light fixtures removed and installed and some erratic housekeeping accomplished this month.

General: In me, the most important item was the raising of the roof in the spring (month). This had been done by me before, verbally, but now at long last one can stand erect while working on the water pump. The pump house door is next on the list for remodeling.

A door was built and installed on the bull room. A new corral was constructed further away from the house. Pigeons were mysteriously about the new corral. It is the view of building a "matrix cogue" to house his riding equipment.

Two trips were made to Flagstaff for supplies plus hauling two loads of sand, three loads of rock and five loads of slag.

Miscellaneous: A visitor reported seeing a few sheep grazing by a corral near Bryce's "cottage." Our local Navajos were very much alarmed at this news. It seems this is "bad" and will bring bad luck to the Indians. Any liar or fool on or near Bryce's Mesa (their sacred mountain) causes "bad medicine" to happen. Several years ago a bear was seen on Bryce's Mesa and in a result "all the Indians were around there died".

Tom A. Johnson
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Organ Pipe Cactus National Monument

Ajo, Arizona

May 25, 1951

Memorandum

To: General Superint ndent

From: Superintendent, Organ Pipe Cactus

Subject: Monthly Narrative Report lml for May 1951

Weather

Moisture in the form of rain and hail totaled .38 inch from the 26th to the 30th of April. Low minimum temperature of 41 degrees on April 30 and May 2 with a high of 103 degrees on May 25.

Special Activities

The Superintendent and Ranger Leding made a trip to Phoenix April 29 to receive a new Ford Pick-up. It was found that the Veterans Administration had taken our truck by mistake and considerable time and argument was necessary to put them straight and get our car.

Maintenance & Construction

With the seasonal drop in travel, all personnel have been engaged in maintenance and construction work. During the month the new metal power-house was erected and the radio-room addition to the adm nistration building was completed. A new floor is now being poured in the old part of this building.

The outside of the administration building was given two coats of paint, the van body used for storage one coat, and a start made on the pump ouse.

New poles were set and the new heavy wire was strung for all power distribution. Telephone and radio remote control wires were also strung on the poles.

Soil and Moisture Control

Three laborers were used most of the month on our Soil and Moisture program. Checks and diversion ditches are being built with the water-sheds in the washes being rocked and graveled to prevent further washing. The work will continue through June. A larger crew will be used if men can be hired. The man-power pinch is being felt in this area.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Jackson Hole Grand National Monument
Moran, Wyoming

May 20, 1950

Memorandum

To: Superintendent

From: Superintendent, Jackson Hole Project

Subject: Monthly narrative report for the month of April

Weather

Weather in the form of rain and hail blocked all work from the 10th to the 20th of month. The average temperature of 23 degrees on April 20 and the 1 inch of snow of the morning of the 20th.

Family activities

The [illegible] and Jackson Lodge were a help to the social life of the community. It was felt that the Friday night dances contributed the most to community spirit and neighborly fun, and helped the morale of the people during the month.

Relationships & Cooperation

With the exception of one in camp, all personnel seem happy, alright in relationships and accomplishments. During the month the new metal powerhouse was started and the maintenance activities in the new building continued. A new flume to come below ground in the old part of the building.

The schedule of the administration building was given two weeks of grace. The new heavy duty electric wire stack, and a start made on the grade.

The policy made at the Lodge was found to be very good for all power distribution. Telephone and radio service started when work began on the grade.

Self and activities contained

Other activities were small work of a small in the lodge and distribution purposes. Since the excavation [illegible] the lodge built with the maintenance in the meadow being [illegible] to connect further excavation. The work will continue through June. A larger area will be used if one can be [illegible]. The maintenance school is being held in this area.

(2) Jackson Hole Grand National Mon.

Travel and Interpretation

Through travel held up and even showed a slight increase but area use and interpretive contacts took their usual seasonal drop. All cars are still receiving service but no one is being used exclusively for contact duty.

Research and Observations

Our Reptile research, as in the past, is again being carried forward. In Laurence M. Klauber's new publication of the shovel-nosed ground snake we were given credit for a new subspecies called Chionactis palarostris organica.

New sight records were made on the Glossy Ibis and Long-billed Curlew, and a very rare record of Roseate Spoonbill on May 25 by Ranger Steele.

Inspections

Mr. Vint of the Washington office, and Messrs. Davis, Cornell, Lassiter and J. Miller of the Region Three office spent April 26 and 27 in the area on Master planning and inspection.

Visitors

Dr. and Mrs. H. L. Gloyd, Chicago Academy of Science

Dr. Charles Lowe, University of Arizona

Private Development

Plans have been received and are being forwarded for approval, for Tourist Cabins at Lukeville on the Chas. Luke property within the Scenic Easement. This development, if it proceeds according to plan, will be a much needed addition to accomidations for monument visitors.

William R. Supernaugh
Superintendent

Saguaro National Monument
Tucson, Arizona

May 25, 1951

MEMORANDUM

To: General Superintendent

From: Superintendent, Saguaro

Subject: Report lml, May 1951

General

It appeared that " Mother Nature " was undecided as to whether summer should begin in May or not. A number of days felt like good old Arizona summer time but two storms in the beginning and middle of the month sent temperatures downward. Approximately 16 inches of snow fell at Manning Camp on April 29 and 30 and good rains occured at headquarters on those days. More sleet and snow occured on May 14 in the forested area. The burning index was dormant to moderate throughout the month except for one high reading on May 12.

A later blooming period of the cactuses has caused increased travel during May. Travel decreases sustained in April were off-set by increased travel during May. Travel for the year to date, is very near the total travel for the 1950 Travel Year.

The cactus area was a riot of color during the latter two weeks of the month with prickly pears, ocotillos, and chollas holding the spotlight. A goodly number of Saguaros were also in blossom and received the attention of many photographers.

Temperature ranges (Headquarters Station)

Highest daily high, May 5 . . . . . 98 degrees.

Lowest daily high, May 14 . . . . . 68 "

Highest daily low, May 10 . . . . . 68 "

Lowest daily low May 1 . . . . . 38 "

Yellowstone National Monument
Yellow, Idaho

May 20, 1921

MEMORANDUM

To: General Superintendent

From: Superintendent, Yellowstone

Subject: Report for, May 1921

General

It appears that " Yellow Stone " was established as an adventure answer should begin in May we say. A number of days with like good old Indian summer time yet the change is the beginning and middle of the month were beautiful days. Approximately 12 inches of snow fell at Mammoth Camp on April 30 and so we had rains around at Lodgepoles on those days. Snow clung too some covered up May 14 in the forested area. The heavy rains was August 24 members 24 showers the month except for one high reading on May 12.

A later blizzard period of the centuries has caused increased travel during May. Travel increase experienced in April were off-set by increased travel during May. Travel for the year to date, is very near the total travel for the 1920 travel year.

The weather came was a rise of rain during the latter two weeks of the month with periodic snow, sunshine, and cooler building the expulsion. A goodly number of tourists were also in Yellowstone and received the attention of many photographers.

Temperature range (Mammoth station)

Highest daily high, May 6 . . . . . 80 degrees.

Lowest daily high, May 12 . . . . . 32 "

Highest daily low, May 12 . . . . . 20 "

Lowest daily low May 1 . . . . . 12 "

Special Activities.

Messrs. Vint, Cornell, Lassiter, Davis, and Jerome Miller made an official inspection of Saguaro National Monument on April 28. The Master Plan and development of the new headquarters site were discussed in detail. It was the concensus of the field party that the new headquarters site should be in Section 29, thus affording an excellent view of the cactus forest from the headquarters area.

The superintendent spent two days in the forested area inspecting trails and various facilities.

Status of Private Lands.

The Service is fortunate to have secured options on Section 5, (Freeman property) and Section 29 (Ellison property) during the course of the month. The options were secured in the amount of the appraised value of the lands. Most real estate values have skyrocketed since the appraisals were made because of the acquisition of large tracts of lands by the Hughes Electronics Company.

General Publicity

The April 28, 1951 edition of the Arizona Farmer carried a long article on the bacterial necrosis of the Giant Saguaros. The article, like many previous ones on the same subject, indicates that Saguaro plants are on the way out as dominant species of cacti. The writer has apparently not visited Saguaro National Monument where hundreds of young plants may be observed on the west and south slopes of the Tanque Verde Mountains.

Maintenance

The cactus loop road was graded periodically following the rains and is in good condition.

The Mud Springs Trail from Spud Rock Ranger Station to our east boundary, was completely rehabilitated during the month. This trail was in very poor condition and required considerable work to restore it to first class condition.

Rehabilitation was also accomplished on the lower two miles of the Happy Saddle Trail during the early part of the month. The lower portion of this trail was heavily damaged by thunder storms during the late summer of 1950.

Special Activities.

Messrs. Vint, Carroll, Lawlor, Davis, and Jerome Miller made an official inspection of Tagaytay National Monument on April 28. The Master Plan and development of the new headquarters site were discussed in detail. It was the unanimous of the field party that the new headquarters site should be in written by, thus affording a magnificent view of the central forest from the headquarters area.

The superintendent spent two days in the forested area inspecting trails and various facilities.

Status of Private Land.

The service is pursuing to have secured options on section 3, (Pirmes property) and section 8 (Gilman property) during the course of the month. The options were secured in the amount of the appraised value of the lands. Even had owners values been determined since the appraisals were made because of the expectations of large tracts of lands by the market alternative change.

Control Facility.

The Lucil Co. 1200 acreage of the Pirmes property carried a long article in the national magazine of the Chief Engineer. The article, like many previous ones on the same subject, indicates that Japanese planes are on the way not as dominant spotter or merely. The author has apparently not visited Tagaytay National Monument where hundreds of Japan planes may be observed on the well and much closer of the Bataan Peninsula.

Maintenance

The Barrio Loop road was graded periodically following the rains and is in good condition.

The Old Spanish Trail from Old Jaro Bridge station to our park boundary, was completely rehabilitated during the month. This trail was in very poor condition and required considerable work to restore it to first class condition.

Possibilities are also established on the lower two miles of the Sugay Bridle trail during the early part of the month. The lower portion of this trail was heavily damaged by storms during the late summer of 1939.

Approaches to Park Area

Both the Vail and Broadway approach roads are in poor condition at this time and no indication of betterment until after summer rains occur, making it possible to remove the corrugations.

No further work has been accomplished on the Spanish Trail Approach Road since our last report. Rumors are being circulated that part of the alignment of this road may be changed before completion by the Pima County Highway Department.

Interpretive Services

A total of 1,827 persons in 550 parties were given interpretive service at headquarters. This amounted to a total of 116 hours for an average of 13 minutes per party.

Research and Observation

May 1, Elf Owl at headquarters.
May 10, 5 Merriams Turkeys at Spud Rock cabin.
May 14, 2 Stephens Whipoorwills at Manning Camp.
May 18, Many Band-Tailed Pigeons above Madrona Ranger Station.

Travel

A total of 3,445 persons visited Saguaro National Monument in May. This represents a decrease of 1,109 visitors as compared to last month but an increase of 660 visitors over the corresponding month one year ago.

Visitors

April 26, Mrs. Marjorie L. Ellison, Los Angeles, California.
April 28, Messrs. Vint, Cornell, Lassiter, Davis and J. Miller.
May 5, Girl Scout Troop 97, Tucson, Arizona.
May 7, Luis G. Kirk, Park Ranger, Death Valley National Monument.
May 7, Dr. Lake S. Gill and Craig Bryan, Division of Forest Pathology.
May 9, John F. S. Barr, Park Ranger, Petrified Forest National Mon.
May 9, Al Runkle, Jay Miller, and W. J. McInnis, shooting background process plates for NBC television program.
May 21, Dr. Howard Gloyd, Chicago Academy of Sciences.

Ranger Service

Seasonal Ranger Wendell Bryce was terminated on April 29. We are grateful to Wendell for his fine services and work while assigned to Saguaro and hope he can return next year.

Ranger Benson took his physical examination late in May at the behest of the U. S. Army Reserve Corps., in connection with possible active service.

Approaches to Park Area

Both the Trail and Broadway approach roads are in poor condition at this time due to initiation of improvement until after summer tourist season, making it possible to remove the corrugations.

No further work has been accomplished on the Fourth Street Approach road since our last report. Issues are being circulated that part of the alignment of this road may be changed before completion by the Pima County Highway Department.

Interpretive Services

A total of [illegible] persons in [illegible] parties were given interpretive service at headquarters. This compared to a total of [illegible] being for an average of [illegible] persons per party.

Research and Observation

May 1, 127 Jal at headquarters.
May 12, 3 Bertram Turkey at Good Luck Mine.
May 14, 1 Cooper's Hawk at Rancho Grande.
May 14, Mon Non-Tailed Pigeon, Jose Antonio Burgos Robles.

Travel

A total of [illegible] persons visited Saguaro National Monument in May. This represents a decrease of [illegible] visitors as compared to last month but an increase of [illegible] visitors over the corresponding month one year ago.

Visitors

April 25, Mrs. Marjorie E. Wilson, San Jacinto, California.
April 26, Messrs. Gill, Cornell, Hunter, Iowa and T. Wilder.
May 2, Girl Scout Troop 57, Tucson, Arizona.
May 7, Dale G. Fry, Park Ranger, Joshua Tree National Monument.
May 7, Mr. John F. Hill and Louis Brown, students of Tucson Publishing.
May 9, John T. C. Barr, Park Ranger, Petrified Forest National Mon.
May 9, Al Franklin, Jay Wilson, and A. J. Wilson, showing motion picture photos for TV television program.
May 23, Dr. Edward Clark, Saguaro Academy of Science.

Ranger Duties

Richard Hunter Smith Ranger was transferred on April 27. He was crutched to medical for his knee surgery and work while assigned to Saguaro and hope he can return soon.

Ranger Duncan took his physical examination late in May at the request of the U. S. Army Reserve Corps., in connection with possible active service.

Forest Fire Control

Fire Control Aid Murray Snyder entered on duty May 1 and is stationed at Manning Camp. He was thoroughly oriented in his duties and made several trips over the various trails to become acquainted with the terrain in the forested area. The Mica Mt. Fire Tower was manned regularly beginning May 8.

One false fire report was received on May 5 at headquarters. A plane flying over the area reported it to the Sheriff's Office from where it was relayed to this office. A patrol was made to check for the fire but no smoke was discovered.

All fire extinguishers were recharged and placed in working condition in the various buildings.

Prefabricated frames for permenant fire tool caches at the secondary lookouts were transported to the forested area.

Telephone and radio maintenance was accomplished during the month and at present the communication system is functioning properly.

Insect and Tree Diseases

Dr. Lake S. Gill and Craig Bryan of the Division of Forest Pathology visited the cactus forest on two occasions in connection with the studies being made in the check plots. Immediate steps will be taken to set out new stakes in the various check plots.

Accidents

Trail Laborer Arthur Garcia suffered a severe strain of the back while rolling a log. He was hospitalized for about ten days and returned to duty on May 7.

Samuel A. King
Superintendent

Forest Fire Control

Fire Control Aid Murray Hyden arrived on duty May 1 and is stationed at Prairie Camp. He was temporarily detached in his duties and made several trips over the various trails to become acquainted with the terrain in the forested area. The 24th St. Fire Tower was manned regularly beginning May 8.

One false fire report was received on May 6 at headquarters. A plane flying over the area reported it to the Sheriff's office from where it was relayed to this office. A patrol was made to check for the fire but no smoke was discovered.

All fire extinguishers were recharged and placed in working condition in the various buildings.

Prefabricated frames for permanent fire tool racks at the secondary lookouts were transported to the forested area.

Telephone and radio maintenance was accomplished during the month and at present the communication system is functioning properly.

Insect and Tree Diseases

Dr. Lane C. Gill and Gerald Ryan of the Division of Forest Pathology visited the Cotton Creek on the occasion in connection with the survey being made in the dwarf plots. Immediate steps will be taken to set up new areas in the various dwarf plots.

Accidents

Trail Laborer Arthur Garcia suffered a severe strain of the back while felling a log. He was hospitalized for about ten days and returned to duty on May 7.

Lowell A. Kline
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Sunset Crater

Flagstaff, Arizona

May 31, 1951

Memorandum

To: General Superintendent

From: Ranger-in-Charge, Sunset Crater

Subject: Monthly Narrative Report, May 1951

Weather Snow, sleet, and strong winds have prevailed during the month. The Monument was snowed in twice this month with six inches on April 28-29 and May 14-15. Cold and windy weather has done much to cut down the travel for the month.

Inspections Superintendent Brueck came up from Wupatki on May 22 for a conducted tour of the monument area.

Special Activities The Monument was officialy opened for the season on May 1 with the ranger entering on duty on that date.

Maintenance Several days were needed to ready the area for the season. Extensive cleanup and painting of signs, register stand, and rest rooms were the main items.

Maintenance man Joe Dow arrived to blade the entrance road on May 22.

General Publicities The view of Sunset Crater in eruption from the current issue of Arizona Highways, was installed in the register stand display case. Maybe now people won't confuse it with Meteor Crater.

Interpretive Service A total of 421 visitors in 156 parties were contacted.

In spite of the bad weather 474 visitors in 133 parties took the Lava Flow Trail. A total of 241 books were sold with collections averaging 48¢.

Only 135 venturesome persons in 36 parties made it to the top of the crater.

Four school groups visited the area this month.

Attendance in Detroit: Due to the stormy weather, the travel is quite low compared to last year. Also the canal kit has not been figured in for this month.

	Visits	Visitors
Apr 1951	[illegible]	[illegible]
Apr 1950	[illegible]	[illegible]
This travel year	[illegible]	[illegible]
Last travel year	2,805	8,416

Visitors 4/21 Johnson Indian School, [illegible] to parts.
5/2 Cheshire, Conn. Elm School, 45 to Park.
5/13 Quarter Circle V-Bar Ranch School, 30 to parts.
5/13 University Lab Junior School of Music, 8 to parts.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Tonto National Monument
Roosevelt, Arizona

May 26, 1951

Memorandum

To: The General Superintendent, Southwestern National Monuments

From: Superintendent, Tonto

Subject: Narrative Report, Tonto, May 1951

Weather. Good spring weather hsee until May 25, when summer hit us suddenly, with temperatures of 103° on the 25th, and 106° on the 26th. Rain on April 30, and rain and cold weather around May 14, gave us a comfortable month, with quite a few flowers blooming due to the rain.

Roads and Trails. Roads fair, a bit rough as usual in the summer. The trail was resurfaced during the month, and the trail man is improving the structure at the start of the cliff dwelling trail.

Visitors. Ranger Lewis Kirk and family of Death Valley National Monument.
Ranger Robert Viklund and father, Henry Viklund, of Flagstaff.
Archaeologist and Mrs. Roland S. Aichert, Tuzigoot.
Mr. Ed Stefan of Lollesgard Specialty Company, Tucson, Arizona.
Superintendent and Mrs. Hastings and family, from Walnut Canyon.

Travel. With 1398 visitors for the month, travel was up about 30 percent over May last year.
While adding up the May travel figures, it was found that one tally sheet had inadvertently been left out of the April report, which added 123 visitors for that month. That reflected the usual trend of increasing travel. A correctd April report has been sent in.

Annual Report. The annual report to the Director was mailed on May 25, with copies to the Regional Office.

Personnel. Gilbert R. Wenger of Denver, Colorado, entered on duty May 21 as Archaeologist GS-5, vice Archaeologist Lloyd Pierson. WAE Guide A. J. Cosner worked several days a week during the period after Mr. Pierson left.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Pipe National Monument
Gnarwood, Arizona

July 22, 1963

Memorandum

To: The Superintendent, Gnarwood National Monument.

From: Superintendent, Pipe.

Subject: Superior Cave, Trail, Log List.

Weather. Good spring weather here until July 20, when summer sets in suddenly, with temperatures of 100° on the 20th, and 110° on the 21st. Rain on July 21, and rain and warm weather around July 16, gave us a productive week, with quite a few flowers blooming due to the rain.

Trails and Trails. Trails Pipe, a 1/2 group on travel in the canyon. The trail was practiced during the month, and the trail has to improve. Log the adventure on the start of the slide building trail.

Visitors. Ranger Lewis Kite and Park of Lewis Valley National Monument.

Ranger Robert Tilford and Robert, Ranger Tilford, of Flagstaff. Archaeologist and Mrs. Roland E. Hughes, Hughes. Mr. El Mafia of Indianapolis Geologist Company, Kansas, Arizona. Superintendent and Mrs. Jennings and Family, from Saint Louis.

Travel. Also 1200 visitors are the month, travel was up about 20 percent over the last year.

While driving up the Jay Travel Pierce, it was found that was built about 300 inches for this month. This information has been used to list visitors for this month. This information is used trend of increasing travel. A monthly visit report has been made.

Grand Canyon. The annual report to the Director was mailed on July 20, with copies to the regional office.

Personnel. Hilbert A. Ranger of Denver, Colorado, arrived on July 21 as the Assistant Park, from Gnarwood Park Training. His wife, A. T. Ranger worked several days a week during the period after Mr. Jackson left.

Public Relations. Superintendent and Mrs. Sharp drove to Phoenix on the afternoon of May 5, to attend the preview of Paul Coze's series of paintings which was featured in the Arizona Highways. The originals were of course even more magnificent than the printings, and the showing apparently a very successful affair. The superintendent, among others, was interviewed on a short radio program.

Two talks, in Miami, and to the Lions Club in Globe, are scheduled for the last week in May.

Fire Danger. Two man-caused brush fires on the surrounding National Forest have marked the beginning of the fire season here. A good crop of annual brome grass covers much of the Monument, and is excellent tinder.

Accidents. While en route to the utility area to work on an exhibit case, AA Guide Cosner slipped on a steep hillside, and injured his shoulder. He is receiving treatment from a U. S. designated doctor in Globe, and will not have much use of one arm for quite awhile. CA forms were sent in on this, and a separate memorandum will follow.

General. The tent-house was fixed up as much as possible for quarters for Archaeologist Wenger, as there is no local housing available now.

A program of weed cutting and cleanup is under way, as we get time.

The two smaller culverts ordered for the road job are in Globe, and are being brought out by a commercial trucker, as they are too long to haul on our truck.

Charles S. Sharp
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Tumacacori National Monument
Tumacacori, Arizona

May 26, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Tumacacori

Subject: Superintendent's Monthly Narrative Report for May, 1951

Weather: Temperatures ranged from a maximum of 92 on May 5th and 24th, to a minimum of 30 on May 2. Total precipitation for the period was 1.08", all of which occurred on April 29 and 30, with the latter day producing a heavy snowstorm which lasted for three hours. Miraculously, our plantings did not receive a killing frost as an aftermath, although frost in the district did some damage to cotton plantings, which are very extensive in the valley this year. Precipitation this month was much higher than the average of .36" for the past 13 years. Local ranchers, who have helped finance rain-inducing efforts of the Water Resources Development Corporation since January 1, say the corporation had nothing to do with this rain and snow, since they say the activities were temporarily suspended during planting season.

Visitor Travel: This month: 2,761 persons, in 821 motor vehicles.
Highest previous May : 1,769, for 1949.
Last twelve months - -: 37,250 persons.
Previous annual record: 28,837 persons in Fiscal Year 1950.

A lot of people come to simply see the museum and patio garden. During the 12 month period May, 1950 thru April, 1951, of a visitor total of 36,145, visitors to the mission church and grounds numbered 14,611, or 40.42% of visitor total.

Visitors: May 10 - Mr. and Mrs. Albert J. Abbott. He was the Forest Service ranger in charge of Tumacacori back in 1910.

May 17 - Mr. M. L. Walton, a member of the California Academy of Sciences, and quite interested in the area.

May 20 - Mr. and Mrs. Fred G. Hawley, of Tucson. Mr. Hawley has, on several occasions, been of gratis service to the N.P.S. through giving chemical and spectroscopic analysis of building materials here.

Inspections: April 29 - Tom Vint, Chief of Design and Construction, N.P.S., John Davis, General Superintendent, Southwestern National Monuments, Ralph Lassiter, Regional Engineer, Region Three, Jerry Miller, Regional Landscape Architect, Region Three. Monument affairs were thoroughly scrutinized, and especial attention was given to the problems involved with highway widening in front of the monument area.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Interpretive Service: 1,028 persons went on 208 guided trips through the mission church and grounds, receiving an average of 36.8 minutes per trip. 2,636 persons received combined Information and Interpretation service, and 2,654 saw the museum and patio garden.

Museum and Education: As opportunity has arisen, Ranger Henson has been engaged in setting up observation cards on the native plants of this vicinity, as well as on those exotics which are part of the planting scheme here. These cards give such information as: blooming date (first blooms, peak of bloom, and finish), fruiting date, when fruit comes on and falls off, and when leaves come on deciduous plants and disappear. This data, carried on for a period of a few years, will add to our capacity to predict for visitors when to expect certain flower and fruit displays. In addition, on other cards, Henson and I are jotting down biographical data for the various plant species, so as to capture for easy reference most of the interesting and significant characteristics of the plants.

Six days were spent by the superintendent on a field trip to northern Sonora, studying mission churches of the "Kino" chain, and most especially abstracting historical data from original mission records at Magdalena and Altar. Record photos of the various mission churches seen were made. The data obtained will require some detailed analysis, but it is apparent that no basic alterations in our interpretive story will need changing, although a number of facts emerged which will be of definite assistance in bridging some of the historical gaps for Tumacacori.

Archaeological Research: Archaeologist Sallie P. Brewer, of the Region Three office, was engaged, with a small crew of laborers, between April 23 and May 10, in test trenching and exploration work in a strip of the monument area lying near our west boundary. This is an area which is due to become part of the State Highway Department's right of way, in connection with widening and improving U.S. Highway 89 adjacent to our west boundary. Mrs. Brewer concludes Indians of the mission of Tumacacori undoubtedly used this area west of the mission church, but that the area does not contain buildings of the mission plant proper, or any exhibitable remains of historical importance. Cultural material salvaged from the work has been sorted and added to the study collections of the monument, and samples of certain materials have been sent away for chemical analyses. I am impressed with the care and thoroughness with which this exploratory work was conducted.

Publicity: On May 3 we received copies of a translation of Earl Jackson's article on Tumacacori National Monument, which appeared on the July, 1946 issue of Arizona Highways. Superintendent Jones, of San Juan National Historic Site, with permission of the author, had this translation done by Mr. Julio Marrero, of that area. The translation was published in "La Escuela", published by the Puerto Rican Insular Department of Education for use by 120,000 secondary school children.

Maintenance: A great deal of irrigating and weeding has been necessary this month. A large cottonwood at our north approach from the highway

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

was killed by a red fungus disease, and had to be taken out and destroyed. Completion of dead mesquite removal from the cemetery was effected. Repairs were made to the miniature of the mission church, which occupies our view room. A trap door for the pump house was made. A cut-off valve was installed in the water line leading to Residence No. 2, and another hydrant was added to the line in front of the same building. The fish pond received its thorough annual cleaning out, and a solution of copper sulphate was put in it, to keep moss and algae under control. Some permanent shelves were installed Residence No. 2. The leaky old "warehouse" roof was taken off, and half re-roofed. Through a slight error the superintendent had ordered only half enough corrugated roofing tin for the re-roofing job. Larvae of the Vidalia beetle were obtained from the Federal entomologist in Tucson, and applied to the Pyracantha tree in the patio garden which has been so badly infested with Cottony Cushion Scale.

Personnel: Seasonal Ranger James W. Shirley completed his last day of duty at this station at the close of April 28. His services were highly satisfactory.

General: Monument affairs are ticking along fine, except for our water system. Our pump simply is producing barely sufficient water, with no margin of safety, and with inadequate water pressure for other uses when requisite amount of watering is being done in dry weather. This lament will be taken up, sob by sob, in a separate communication.

Earl Jackson
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

TUZIGOOT NATIONAL MONUMENT
CLARKDALE, ARIZONA

May 25, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Tuzigoot

Subject: Report 1ml, May 1951

There follows a narrative report of activities in this area.

VISITORS

1565 visitors in 539 cars. This compares favorably with 1365 in May 1950. There were 18 visitors in the uniforms of the Armed Forces. 100% of our 8-12, 1-5 visitors were contacted.

WEATHER

Two good showers have transformed the area from a lifeless brown tone into one of Spring green tone. While generally appreciated these are also the rains that produce the abundant growth of weeds in the ruin.

N. P. S. VISITORS

Archeologist Art White of Montezuma Well on the 27th, to use our sign shop.

Ranger Louis Kirk and family of Death Valley National Monument on the 4th.

Maintenance Joe and Lizzie Bean on the 5th and 6th.

Sgt. Ward L. Excell, formerly of Zion National Park, now in the U. S. Army, on the 6th.

Supt. John C. Cook of Montezuma Castle on the 17th.

Seasonal Ranger Bob Viklund of Walnut Canyon/Sunset Crater/Tonto-and-back-toSunset, on the 23rd.

Archeologists Pierson and White of Montezuma areas on the 23rd.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

TONTO NATIONAL MONUMENT
ROOSEVELT, ARIZONA

May 26, 1950

Memorandum

To: Chief, Superintendent, Southwestern National Monuments

From: Superintendent, Tonto

Subject: Report for May 1950

Here follows a narrative report of activities for this area.

VISITORS

1950 visitors is 500 more. This compares favorably with 1949 in my opinion. There were 27 visitors to the ruins of the Grand Tower, 1000 of our 1-12, 1-4 visitors were accounted.

WEATHER

The good showers here transformed the area from a lifeless brown into the of Spring green. While generally appreciated there are also the rains that produce the annual growth of weeds in the ruins.

S. P. L. VISITORS

Archaeologists are doing at Lehmann Hall on the 27th, in use our site work.

Roger Louis Ely and family of Fort Valley National Monument on the 4th.

Lehmanns Jr. and Linda Ann on the 8th and 9th.

Mr. Mark L. Tuesli, Forestry of Lake National Park, was in the L. L. Long, on the 8th.

Supt. John C. Cook of Lehmann Lodge on the 17th.

Seasonal Ranger Bob Tilton of Walnut Canyon/Tonto Interpretive Lecture-Naturalist, on the 23rd.

Archaeologists Turner and Tuin of Lehmann arrived on the 23rd.

OTHER AGENCY VISITORS

Dr. and Mrs. T. A. Munns of Whipple V.A. on the 2nd.

Mr. Kenneth E. Kimball of Food and Drug Administration on the 7th.

REPORTWORTHY VISITORS

Manager Al Brown, accompanied by Mrs. Brown, of the Arizona Automobile Association, Phoenix, on the 19th on a get-acquainted tour of Northern Arizona to lend a tinge of authority to his work.

Mr. and Mrs. Taylor Marshall on May 23. Mr. Marshall, a good friend of the Service, is Director of the Desert Botanical Garden, Tempe.

ORGANIZED GROUPS

12 students from U.C.L.A. on a Spring vacation tour of Arizona, sponsored by the University Recreation Association, on April 29.

Class of 4 eighth graders with their teacher, from Woodruff, Arizona, on April 29.

5-6 grade pupils of the Humbolt, Arizona, School, 22 strong, on May 7.

22 Boy Scouts, Roosevelt Council Troop 3, Phoenix, on May 13.

RESEARCH AND OBSERVATION

A small King snake was captured on the 8th and preserved in rubbing alcohol.

PUBLICITY

Arizon Highway Magazine includes Tuzigoot in the excellent presentation of Southwestern Archeology.

An article in the Satevepost of May 26 entitled "Want to Buy a Ghost Town?" contains some excellent photographs of Jerome. While the article does not mention Tuzigoot it is felt that this national advertizing will be felt in our visitor count. Copies of this magazine have been placed in the museum for public use.

ROADS AND TRAILS

The county blade smoothed up the entrance road on the 26th.

A single line sign reading VERDE RIVER was routed and will be mounted where the entrance road crosses that river.

[illegible] author [illegible]

Mr. and Mrs. J. M. Moore of Midgyle Tel. on Sun 2nd.

Dr. Kenneth R. Kimball of Fred and Jerry Lakeland[illegible] in the Pub.

[illegible] visitor

Manager Jj Brown, accompanied by Mrs. Brown, of the Intown Automobile Association, Phoenix, on the 12th on a [illegible] tour of Southern Arizona. He had a stage of authority to his words.

Mr. and Mrs. Taylor Kimball on May 20. Mr. Kimball, a good friend of the Herald, is director of the Junior Industrial Service, Tempe.

Accident report

It prevents from [illegible], on a [illegible] vacation tour of Arizona, sponsored by the University Extension Investigation, on April 20.

Class of 4 eighth graders with their teacher, Miss Wagner[illegible], Intown, on April 20.

Bus grade pupils of the Kimball, Arizona, School, it strong, on the 7.

Mr. Jay Jones, Tucson[illegible] County Times 2, Phoenix, on May 12.

[illegible] and [illegible]

A small ring made was [illegible] on the 5th and presented in [illegible] [illegible].

[illegible]

Intown Highway Patrolman Tailgate Tailgate in the Arizona [illegible] of Southwestern Industry.

In article in the [illegible] of May 22 entitled "Back to Top a Dude Ranch" [illegible] [illegible] [illegible] of Jerome. While the article [illegible] [illegible] in fact that [illegible] advertising [illegible] will be [illegible] in our [illegible] issue. Either of this magazine have been placed in the [illegible] for [illegible].

[illegible] [illegible]

The [illegible] [illegible] by the [illegible] road on the [illegible].

A single [illegible] [illegible] [illegible] [illegible] will be [illegible] [illegible] [illegible] [illegible].

A large two post sign was prepared for the fork one half mile west of the museum; to the standard 20" x 48" panel we added one 4" panel at the bottom reading "Clarkdale Dairy" (left hand arrow). This panel is attached by means of countersunk lag screws and is removable.

The numbered stakes for Tuzigoot Trail were sanded and painted a sand tan color with tile red numerals.

Six additional two post 20" x 48" panel roadside directional signs were mortised and assembled unrouted. (When we terminated our labor leadman we also terminated the free use of his router - so in a moment of weakness the Superintendent lagged out 60 of his own hard earned underpaid dollars for a new router to finish the above signs.)

IMPROVEMENTS

Excavation of the much broken sewer line was started on the 27th. Realignment and replacement started on May 8. It was determined that none of the old concrete pipe was reclaimable. 50 feet of vitrified tile was installed at the lower end. 88 feet of Bermico pipe was purchased and used to connect the top of the line to the vitrified tile section. A concrete junction box was constructed where the garage line comes into the Museum/Residence line. The new assembly is carrying sewage safely to the cesspool. Much work remains to be done to backfill the trench and haul away the old pipe and debris (much work but no money.)

The pale green bench on the museum porch was sawed down to normal size and painted Desert Sand color on the 16th.

The following painting was accomplished by the Superintendent mostly at night after an 8-hour day in the museum: kitchen walls and doors, Sunlite Yellow Washable Texolite; upper kitchen cabinets and wall shelves, yellow enamel; east and south walls of the living room, Pacific Blue Spred Satin Latex paint, west and north walls, Texolite Yellow; bathroom walls and ceiling, Texolite Yellow with door and wood trim Pacific Blue Latex. The wood trim and doors in the bedroom were painted Berkshire Green Spred Satin. The residence is now quite livable and gay.

Three single panel signs were routed and painted by the Superintendent on the 17th "Ranger On Duty" and to suspend to it "Rick Richert" and/or "Jimmie Brewer". The purpose of this introduction is to get better acquainted with our visitors on a person-to-person basis.

The oil burning space heater was dismantled in the residence and moved to storage in the museum storeroom on the 18th.

A break in the pipeline on the 17th was repaired by United Verde Utilities Co. at a nominal cost of only $6.71, much cheaper than we could do it.

A large bow post ship was produced for the fore and aft side wear of the pressure. In the planned 30" x 40" panel we added one 1" panel on the Tandil reading "Tandilia Lainy" (left hand strand). This panel is attached by means of counterpaned bit screws and it "Tandilia".

The numbered strokes for Tandilia Trail were needed and painted a good bus color with the red numbers.

The additional two work 30" x 40" panel revealing Tandilia alone were matched and cigarbed varnished. Then we varnished the Tandilia by also varnishing the fore use of the reader - so is a number of wainers the Superintendent liking not to of his own hand cleaned underpaid distress for a new reader to finish the above signs.

Conclusion

Observations of the work during summer time was started on the 17th. Indifferent and preliminary started on day 8. It was determined that some of the old industry plus the preliminaries. In lack of efficient air - was limitations at the lower work. In fact of Tandilia plus was produced and used to measure the top of the line to the distribution side machine. A measure function has a wonderfull about the gauge line which line the Tandilia/Tandilia line. The new assembly is carrying assembly wrap to the assembly. Only work crews to be done to identify the tangent was back gauge the air plus new labels (work your job on away).

The main press bench on the measure panel was moved down to normal size and painted "Sandy Blue color on the 18th.

The following painting was accomplished by the Superintendent mainly at night after on Saturday day in the morning. Windows main was done. Double Yellow Tandilia Trailing. Major Windows windows and wall mainly, yellow normally most and which walls at the lining room. Double the lower lining later paint, most and much walls. Tandilia Trailing Bakeman walls and walking. Tandilia Italian with lower and used tube Tandilia line later. The used tube and lower in the bakeman were painted Tandilia dirty green trail rails. The paintings in new gates lining and gap.

These single panel signs were needed and painted by the Superintendent as the 17th "Sandy" in July. And it suggested to it "the library" single "Tandilia Trail". The purpose of this information is to put better acquainted with our visitors in a photo-description series.

The all working lower lumber was finishing in the workhouse and moved to storage in the museum elevator on the 19th.

A break in the plexiglass on the 17th was repaired by using trans utilizing Jan. of a material just or only 6x7". This change that we would to 8x.

The Superintendent excavated the trap in the water supply line 50 yards west of the museum on the 10th. The heavily rusted nuts were given several applications of penetrating oil. It is hoped that clean-this trap may improve the taste and color of the water.

PERSONNEL

Superintendent Brewer was on annual leave 25th thru 29th.

Laborer Leadman Wetherill was terminated on the 29th not for a lack of work, only because of exhaustion of funds.

Archeologist Richert was off duty and on annual leave from the 30th to the 18th.

Obviously this was a one man area most of the month.

J. W. Brewer, Jr.

J. W. Brewer, Jr.,
Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Walnut Canyon National Monument
Flagstaff, Arizona

May 25, 1951

Memorandum

To: General Superintendent

From: Superintendent, Walnut Canyon

Subject: Monthly report, May, 1951

Visitors this month, 1824; travel year to date, 9816.

Weather Balmy spring weather prevailed with some hat-loosening winds and three days of very welcome snow that did much to relieve the dry condition of the forest. Recorded precipitation totaled .81 inches from 12 inches of snow.

Special activities The Superintendent attended an F.M.I. school in Flagstaff for three days this month.

Maintenance General spring clean-up kept the force busy most of the month. The entrance signs along Highway 66 were re-oiled and re-painted. Also the directional signs between Highway 66 and the monument. New water buckets were installed at each of the picnic fireplaces. A new cover for the coal hole at Ventilator No. 1 was installed. This also forms a step at the back door.

Approaches to the area Taking advantage of the moisture, the county grader worked over the approach road and spread cinders on some of the worst washboards. The county grader also made one quick pass over our entrance road on the 18th.

Interpretive service There were 1,511 people in 528 parties contacted. Contact time averaged 11 minutes per party. Interpretive signs noting walnut trees, one-seeded juniper, Gambel's oak, and fern bush were set out. The sign for walnut was placed in the canyon and the others near the museum or between there and the parking area.

On May 7 Ranger [illegible] conducted a tour of 28 3rd. grade pupils from Flagstaff around the trail.

Travel and Use There were 1824 visitors in 643 parties here during the month. The total for the travel year now stands at 9816. There was an increase of 55 visitors or 3% over last month and an increase of 124 visitors or 7% above the same month last year. Forty-four states, 3 provinces of Canada, England, S. Africa, Holland, Sweden, Hawaii, and Alaska were represented during the month.

Of the total visitors, 14 were armed forces personnel. 149 people in 32 parties used the picnic facilities including 20 members of the A.S.C. Religious Council and 35 members of the A.S.C. Social Science Club.

Research and Observations Deer have been seen nearly every morning going to a local stock tank for water. Herds of antelope up to 25 in number have been seen between the monument and Flagstaff. On the 6th a porcupine was seen in the bottom of the canyon east of the Island. Two turkey hens, one broad-tailed hummer, and a Scot's oriole have been noted.

Spring flowers made a nice showing after the two snows. Paintbrush and various kinds of mustards are quite profuse. The broad-leafed yucca and Englemann's hedgehog cactus has also blossomed.

Forest Fire Protection A metal fire tool cache was received from the Forest Service for placing on the south rim of the canyon.

Ranger Spanglo attended a two-day forest fire fighting school at Happy Jack under the auspecies of the Coconino National Forest.

Building Fire Protection All the foam and soda-acid extinguishers and most of the carbontetrachloride extinguishers were tested and filled.

Visitors John Barr - Temporary ranger - Petrified Forest
Lewis Kirk and family - Ranger - Death Valley
Bob Viklund - Temporary Ranger - Sunset Crater
J. Aubuchon - Superintendent - Navajo
Art White - Archaeologist - Montezuma Well
Earl Worthington and family - Ranger - Arches
Ranger Black on way to Grand Canyon from Carlsbad
Ed Cata and Clarence Howell - Indian Service - Gallup.

Homer F. Hastings
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

White Sands

Box 711, Alamogordo, New Mexico

May 31, 1951

Memorandum

To: General Superintendent

From: Superintendent

Subject: Superintendent's Monthly Narrative, Memo No. 141

MAY 1951 | APRIL 1951

Visitors, 14,[illegible] Cars, 3,[illegible] | Visitors, 7,556 Cars, 22,414

Weather

May falls back into the black ink register as our best May since any records have been kept. Late, heavy winds have prevailed during the month and, undoubtedly, cut into our attendance. One Sunday we had to close the area to traffic at about 5:00 P.M. due to lack of visibility and, too, drifted sand was making some points on our road a little treacherous.

This is the first time in over twelve years that our area was closed due to poor visibility. Not too many people were inconvenienced, however, because even the hotelers had little travel. Temperature itself felt with a high of 95° on 5-20-51, and just to add variety, winter came forward on the 5-1-51 with a low of 38°.

Special Visits

The first of the Regional Office, accompanied by Park's Superintendent John Davis, Ralph Lowder and Jerry Miller of our Regional Office, came in for a look at our area on April 30. He also visited Fort Bayard for a short stay at our springs in that area.

Attention was also given to our picnic area, parking problems, and other matters. It has been a long time since we had seen Ted Vick and we were glad to have him in the area again. Our Regional men we get to see once in a while.

GROUP ACTIVITIES

Several group picnics, many senior class groups, and a "Ham" radio convention added to our large attendance. School groups from Colorado, Kansas, Texas, Idaho and New Mexico were in.

PUBLICITY

If some of the static heard from some of the "Ham" sets is any indication of the publicity we received this month, I can't vouch for it because what I heard I could not understand at all. But the amateurs seemed to have little trouble, so I guess it is all a matter of having an ear for short wave.

COMPLAINTS

No complaints were received on our area other than through the medium of short wave. One operator was complaining of the air about a charge, etc., and another operator at the gate cut in and said a ranger at his set would be glad to explain if the man listed to know why and he went off the air, so I guess he was just testing.

CAMPGROUNDS

Heavy winds have made our road work a little heavy, especially for this time of the year. Heavy attendance, of course, has made our clean-up especially heavy. The clean-up job consisted of removing the remains of two newly remodeled tables and parts of two shelters. From all appearances, it was just a wild party, judging from the beer cans, whiskey bottles, cracks, etc. But no clues have shown up to enable us to check.

Several parties were in but we could not get any information that has helped so far. We just removed a part of one house, rebuilt the other, and two tables were replaced. Actual loss in replacing would run well over $100.00 but, unless we happen on to the guilty party, I guess it is our loss.

[illegible]

We have waited a long time to report the completion of our new domestic water system at our headquarters area. Our old line, installed in 1936, was rotten, rusted through, and repair was impossible. We lived in constant fear of a major break, but luck was with us, and we finally got our new 3" transite line installed. One joint of pipe was cracked and had to be replaced, but other than that and other connection troubles, all went well.

[illegible]

Our increase in travel, amounting to 1,205 people and 335 cars, fits in line with our ten thousand increase for the travel year to date. At our present pace we will hit one two hundred thousand mark for the year.

VISITORS

Joe Vint, of the Washington Office
John Davis, of the Regional Office
Ralph Lassiter, of the Regional Office
Jerry Miller, of the Regional Office
Eric Reed, of the Regional Office
Jesse Bushman, of the Regional Office

Mrs. Reed was with Eric and we were glad he brought her along. Several scientists were in, either going to or coming from the El Paso meet.

[illegible]

All hands at White Sands can qualify now as transite pipe men. Mr. Glee from Johns-Manville was in to help and then Cris and Ben took over. Harold and Otis gained some valuable experience on transite and cast iron connection. Too, Harold can almost qualify as an expert draftsman, in that we are attempting to actually locate on our Water Plan all utilities, their routing, etc.

Our pitcher cut through our electric cable twice because it was so distant from the location as shown and, while we actually know where most of these lines are now, we are recording the information. Jan is making plans for attending Flora School at Glen and Bryce and following that he plans a few days in Coolidge to keep from losing some time before June 30.

ACCIDENT

Sunday, a week ago, a couple of [illegible] the [illegible] base boys were riding on the fenders of a Ford [illegible] when the driver of the car turned about abruptly, throwing the boys from the fenders. One of them suffered a bruised ankle and the other one was badly bruised and suffered a slight concussion.

An ambulance came out and took the injured to [illegible] hospital. The last I heard no complications were suffered and it was thought time would heal all wounds.

PERSONNEL

We are very sorry to report the resignation of Frank [illegible], our Clerk for the past couple of years. Frank's and Toni's little Linda requires medical attention best found in Tucson and it will be a long time getting back to normal.

In view of this requirement, Frank was forced to resign and seek employment in Tucson. We are all sorry to lose Frank and Toni and our very best wishes accompany them always. Frank has served the Service well and I had high hopes for a brilliant future for him in the National Park Service. We are awaiting the register from the Civil Service with a list of names from which to choose his successor.

Johnwill Faris

Johnwill Faris,
Superintendent.

ADDENDUM

Sunday, a week ago, a couple of Holloman Air Force base boys were riding on the fenders of a Ford Thunderbird. The driver of the car turned about abruptly, throwing the boys from the fenders. One of them suffered a bruised ankle and the other one was badly bruised but suffered a slight concussion.

An ambulance came out and took the airman to Holloman hospital. The last I heard no complications were suffered and it was thought time would heal all wounds.

PERSONNEL

We are very sorry to report the resignation of Frank Cobb, our clerk for the past couple of years. Frank's and Toni's little cindy requires medical attention best found in Tucson and it will be a long time getting back to normal.

In view of this requirement, they were forced to resign and seek employment in Tucson. We are all sorry to lose Frank and Toni and our very best wishes accompany them always.

Frank has served the service well and I had high hopes for a brilliant future for him in the National Park service. We are awaiting the register from the Civil Service with a list of names from which to choose his successor.

John W. Paris,
Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Wupatki National Monument
Flagstaff, Arizona

May 26, 1951

Memorandum

To: General Superintendent

From: Superintendent, Wupatki

Subject: Monthly Narrative Report, May 1951

Weather: Most of the month was cloudy with cool and windy weather. It looked like winter was arriving a little late this year with 1 inch of snow on the ground the morning of May 15. We got some much needed moisture for a total precipitation of .95 inches for the month. Snow and rain for a total of .81 inches fell in one day on May 15. Minimum for the month was 32 degrees on May 15 with a maximum of 96 degrees on May 25. High winds dried everything out quite fast the latter part of the month.

Maintenance: With quite a bit of moisture it was possible to blade the entire Wupatki-Sunset Crater loop road and it is in good condition at p present. Clay plating is being done now from Doney Mountain to Wupatki and then work will be started on plating bad holes in the cinders near Sunset Crater. Rocky places were covered on both sides of the Citadel.

The entire roof on the catchment tank at Heiser caved in filling the tank with cinders, timbers and other debris. The old roof had about 1 foot of dirt on top of the planking. A new roof was put on May 9 and just an inch of dirt sprinkled over the tarpaper. The water line had been in bad shape with no pressure for some time so with all the debris in the lines we replaced the old line with 180 feet of 2 inch pipe and 80 feet of 3/4 inch. The pressure loss could be understood when examing the old pipe. The pipe itself was not bad but every coupling, elbow or valve was almost completely closed up to a hole about the size of a pencil. This job completed on May 16 has more then doubled the pressure in the residences at Heiser.

The old light plant building at Heiser was removed before the wind removed what was left of it and a larger building that was obtained from Walnut Canyon put in its place. There is quite a bit more room to move around in and get at the motor to service it.

Some time was spent on removing the plywood from the inside of the old CCC building.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Mesa Verde National Monument
Mesa Verde, Colorado

May 24, 1961

Memorandum

To: General Superintendent

From: Superintendent, Mesa Verde

Subject: Monthly Operations Report, May 1961

Weather: Most of the month was cloudy with cool and rainy weather. In Cortez the weather was averaging a little late this year with 3 inch of snow on the ground the morning of May 12. We got some much needed moisture for a total precipitation of .85 inches for the month. Snow and rain for a total of .21 inches fell in one day on May 12. Maximum for the month was 82 degrees on May 31 with a maximum of 69 degrees on May 22. High winds dried everything out quite fast during latter part of the month.

Maintenance: With quite a bit of moisture it was possible to black the entire Mesa Verde-Cortez Cruder loop road and it is in good condition at present. Dry plating is being done now from Cortez Monument to Mesa Verde and then work will be started on plating the plaza in the village area and then work will be started on plating the plaza in the village area and Chapin Drive. Many places were covered on both sides of the Citadel.

The entire roof on the petroleum bank at Spruce Tree is rotting the back with shingles. Workers and other buildings, the old roof had about 1 foot of dirt on top of the building. A new roof was put on May 9 and there is lots of dirt overlaying over the temporary. The water line has been in bad shape with no pressure for some time so with all the debris in the lines we replaced the old line with 100 feet of 2 inch pipe and 80 feet of 3/4 inch. The pressure now could be noticed right since removing the old pipe. The pipe itself was not rusted every where, either or valve was almost completely closed up to a little about the size of a pencil. This has complicated as May it has more than doubled the pressure in the neighborhood at Cortez.

The old light plant building at Spruce Tree was removed before the wind removed what was left of it and a larger building that was obtained from Walnut Canyon was put in its place. There is quite a lot more work to have around to and yet at the water to service it.

Some time was spent on removing the plywood from the inside of the old DOC building.

Interpretive Services: At Wupatki 465 visitors in 178 parties were contacted for an average of 18 minutes per party and a total of 54 hours.

Travel: Travel figures showed a slight decrease at Wupatki of only 10 people for the month. The weather had a lot to do with it with 2 snow storms and cold and quite a few windy days. Twenty cars in one day is still the most we have had. The large decrease at Sunset Crater is due partly to the bad weather and partly due to the fact we had a man on duty the entire month this year. Last year the travel for may was taken from the register and then a certain percent added for non-registrants. It looks from the actual count as if we are going to have to revise our percent of non-registrants and perhaps cut it down quite a bit. Looks like more people are registering then we think.

The month of May showed a total of 293 cars and 752 people. This is 39 cars more and 10 people less then May last year. Travel for the year still shows an increase.

Visitors:

5/1 Park Ranger Louis Kirk and family, Death Valley Nat'l Mon.
5/13 Mr. A.C.Thuring and wife, Park Engineer, Mt. Rainier N.P.
5/20 Mr. A. D. Brodie and wife, Currator of Art, Museum of Northern Arizona.
5/21 Dr. & Mrs. R. Francois, Lyon, France
5/23 Mr. Ed Cata, Indian Service, Gallup, New Mexico
5/23 Mr. Clarence Howell, Indian Service, Gallup, New Mexico
5/26 Mr. Dana Parkinson, Chief of Division of Information, United State Forest Service, Washington, D.C.
5/26 Mr. Clint Davis, Director of Forest Fire Prevention, U.S.F.S. Washington, D.C.
5/26 Mr. Slim Hansen, Chief Division of Information, Region three U.S.F.S., Albuquerque, New Mexico

Research and Observation: One eagle was seen out near the Citadel. A coyote, bobcat and six bandtailed pigeons were seen in the area.

A visitor reported seeing 15 Abert squirrals in one group just out of the boundary on the North-east corner of Sunset Crater.

A Scott's Oriole was noted around the Superintendent's house.

Ranger Service: Superintendent Bruock made a trip to Sunset Crater May 22 and spent the day going over the area, taking a trip into Bonito Park and Oleary Park, going over the Lava Flow Nature Trail and in general just getting better acquainted with the area with Park Ranger Viklund doing the guiding.

Interpretive Services: At Superior 100 visitors in 175 parties were contacted for an average of 12 minutes per party and a total of 24 hours.

Travel: Travel figures showed a slight increase at Superior of only 10 people for the month. The weather had a lot to do with it with 7 snow storms and cold and quite a few windy days. Nearly one in one day in still the most we have had. The large decrease at Tuscany Greater is due partly to the bad weather and partly due to the fact we had a man on duty the entire month this year. Last year the travel for may was taken from the register and then a certain percent added for non-registrants. It looks from the actual count as if we are going to have to revise our present of non-registrants and perhaps cut it down quite a bit. Looks like more people are registering than we think.

The month of May showed a total of 2[illegible] and 7[illegible] people. This is 2[illegible] more and 30 people less than May last year. Travel for the year still shows an increase.

Visitors:

5/1 Park Ranger Louis Zion and family, Jean Valley Boy's Ranch.
5/18 Mr. A.C.Thorling and wife, Fort Bolivar, Mr. Valier R.F.
5/20 Mr. A. D. Brooks and wife, Director of Art, Museum of Northern Arizona.
5/21 Dr. & Mrs. E. Francis, Lyon, France
5/23 Mr. Al Oats, Julian Hardee, Oakley, Fox Radio.
5/24 Mr. Clarence Dowell, Junior Ranger, Salem, Ore Junior
5/25 Mr. Jack Parkinson, Chief of Division of Information, United State Forest Service, Washington, D.C.
5/26 Mr. Clint Davis, Director of Forest Fire Prevention, U.S.F.S., Washington, D.C.
5/26 Mr. Ellis Hansen, Chief Division of Information, Region Three U.S.F.S., Albuquerque, New Mexico

Rescues and Observations: One girl was seen and rescued from the Gitchi. 2 couples, hobbs and six baseball players were seen in the area.

A visitor reported seeing 18 short squirrels in one group that was of the country on the Duck-weed series of Bonner Drive.

A Double Julia was noted around the Superintendent's home.

Ranger Services: Superintendent Brown made a trip to Tower Ontario May 23 and spent the day going over the area, taking a trip down Kawishiwi Park and Canary Park, going over the Lake View Nature Trail and in general just getting better acquainted with the area with Park Ranger Vladimir Salay the guide.

Wupatki National Monument

Park Ranger James R. Walker was on sick leave from April 24 to 28th inc.

Two near accidents were noted but never reported to us. The one side of the gate near the earth cracks got in the way of a fast moving car, tearing out the post and short section of fence. Broken headlight glass was scattered around. At Sunset Crater, two of the very large lava boulders used for a guard rail along the Bonito Lava Flow were knocked off the road and down onto the flow. Tire tracks were noted hugging the edge and it looked as if the boulders help them bounce back on the road. If the boulders hadn't been there we would have had a bad accident. They will be replaced and we hope will help to keep the next person from going over the edge.

Building Fire Protection: Ranger Walker has checked and refilled all the extinguishers over the area.

Spring Flow: Wupatki spring has suddenly taken a downward trend even with all the rain, while Heiser has shown a slight increase.

Wupatki Spring 360 GPD
Heiser Spring 2180 GPD

Frederick R. Brueck
Superintendent

Pvt. Roger Jones X. Walker was in pick leave from April 14 to 17th inc.

Two more soldiers were noted but never reported to us. The one also at the gate near the earth ramps put in the way of - that morning was, hauling out the pyr's and other metals in route. Broken bandlight fixtures and replaced around. At Summit Center, two of the very large lawn soldiers need for a quick fall along the fence to keep Xlue were toppled off the road and down onto the lion. The trucks were ended hoeing the edge and it looked as if the soldiers help fixed lawns on the road. If the soldiers hadn't been there we would have had a bad accident. They will be repaired and so hope will help to keep the men passing from going over the edge.

<u>Building Fire Prevention</u>. Major Miller has checked and refilled all the extinguishers over the area.

Spring Flower Growth. Spring has quickly taken a decided turn even with all the rain. While Easter has shown a slight increase.

Wapakoneta Spring 300 GPC
Dayton Spring 2100 GPC

Frederick E. Brown
Superintendent

SOUTHWESTERN NATIONAL MONUMENTS MONTHLY TRAVEL STATISTICS

Month of May, 19[illegible]

	This month	Travel year	(Mo.) Last Year	(T.Y.)	
Arches	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Aztec Ruins	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bandelier	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Canyon de Chelly	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Capulin Mountain	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Casa Grande	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Chaco Canyon	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Chiricahua	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
El Morro	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Gila Cliff Dwgs.	—	—	—	—	—
Gran Quivira	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Great Sand Dunes	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Montezuma Castle	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Natural Bridges	—	[illegible]	—	[illegible]	—
Navajo	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Organ Pipe Cactus	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Rainbow Bridge	—	—	—	—	—
Saguaro	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Sunset Crater	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Tonto	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Tumacacori	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Tuzigoot	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Walnut Canyon	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
White Sands	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Wupatki	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

(See reverse for notations, comments, etc.)

Gain over May 1970 — 22% or 6,403 visitors

Gain over last travel year — 13% or 40,999 visitors

Eight areas showed losses over May 1970:

Lake Tahoe	7%
Grand Canyon	33%
Chiricahua	20%
El Morro	13%
Great Sand Dunes	7%
Zion	20%
Petrified Forest	15%
Capitol	2%

No. 10-769
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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

~~Arches National Monument~~
Name of Area

~~May~~ Month

~~1951~~ Year

ER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
anent		~~1~~	~~1~~	~~2~~
orary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
o Caravans			
ks or Hikes	~~14~~	~~216~~	~~2 hr.~~
ns or Hist. House			
er Trips			
Total	~~14~~	~~216~~	XXXXXXXX

TALKS	NO.		
pfire			
el or Lodge			
eum (Not connected with conducted trip)			
entation (Not connected with conducted trip)			
er (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
~~Headquarters~~	~~64~~	166	10 min.
~~Wayside Exhibit~~	~~121~~	484	20 "
(Give Name or Type) Total	~~185~~	650	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
~~Nature Trail "Cove Trail" (Estimated)~~	~~120~~	384	15 min.
(Give Name or Type) Total	~~120~~	384	XXXXXXXX

~~1485~~ Number Visitors to Area this Month

~~865~~ Total Interpretive Contacts.

rpretive Activities Outside of the Area: Govt. Publications Sold On Hand

~~ree tours outside monument with Grand County School Students to view and discuss ndalized petroglyphs. Tota l attendance ~~ 108 students, 3 teachers.		
~~o lectures given to Boy Scouts on Antiquities Act.~~		

RKS:

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
ease read them carefully.

NAME
TITLE Bates E. Wilson

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n No. 10-769
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and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

AZTEC RUINS
Name of Area

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
anent		2		
porary				

MAY
Month

1951
Year

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
o Caravans			
ks or Hikes			
ns or Hist. House	164	1004	1 Hr.
er Trips Museum	340	1452	½ Hr.
Total	504	2456	XXXXXXXX

TALKS	NO.		
pfire			
el or Lodge			
eum (Not connected with conducted trip)			
entation (Not connected with conducted trip)			
er (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

1452
Number Visitors to Area this Month

2456
Total Interpretive Contacts.

rpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

RKS:

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
ease read them carefully.

NAME Clyde A. Maxey
TITLE Clyde A. Maxey, Ranger

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REVISED MAY 1949.

1 No. 10-769
rts
and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Bandelier National Monument
Name of Area

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
anent		1	3	4
orary			1	1

May
Month

1951
Year

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or Hist. House	133	1971	60.2 Min.
ier Trips			
Total	133	1971	XXXXXXXX

TALKS	NO.		
npfire			
tel or Lodge			
seum (Not connected with conducted trip)	48	562	14.1 Min.
entation (Not connected with conducted trip)			
ier (Not connected with conducted trip)			
Total	48	562	XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
Roadside Point Fire Lookout	28	96	22.8 Min.
(Give Name or Type) Total	28	96	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Ceremonial Cave	31	591	
Trails to Tsankawi		844	
Stone Lions	1	4	
(Give Name or Type) Total	32	1439	XXXXXXXX

5627
Number Visitors to Area this Month

4068
Total Interpretive Contacts.

erpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

ARKS: A talk was given by Ranger Turney to fifteen Members of the Los Alamos Archeological Group on Friday May 11. 1951. Total time was 1 hour.

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
lease read them carefully.

NAME Fred W. Kinnevies
TITLE Superintendent

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REVISED MAY 1949.

n No. 10-769
orts
and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

CANYON DE CHELLY NATIONAL MONUMENT
Name of Area

MAY
Month
1951
Year

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
manent	ONE	ONE	TWO	
porary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or Hist. House	6	33	2-hours
her Trips			
Total	6	33	XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)	114	316	25-mins
her (Not connected with conducted trip)			
Total	114	316	XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

349
Number Visitors to Area this Month

349
Total Interpretive Contacts.

erpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand
Four letters of inquiry concerning the Monument answered this month.			

ARKS: Travel increased slightly over the same period last year. The current travel year is much higher than 1950.

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
lease read them carefully.

NAME Ernest W Bright
TITLE Superintendent

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THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING INTERPRETIVE SERVICES. RETAIN ORIGINAL IN AREA FILES. IN AREAS EMPLOYING NATURALIST THIS REPORT TO BE ATTACHED TO HIS MONTHLY NARRATIVE REPORTS. IN OTHER AREAS IT SHOULD BE PRESENTED AS A SEPARATE REPORT WITH COPIES FOR COORDINATING SUPERINTENDENT, REGIONAL DIRECTOR AND DIRECTOR FORWARDED THROUGH ADMINISTRATIVE CHANNELS. DATE DUE EACH MONTH IN ACCORDANCE ADMINISTRATIVE MANUAL, VOL. 15, CHAPTER 8 (REPORT 8M3) AND 9 (REPORT 9M3).

VISED MAY 1949.
m No. 10-769
orts
and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Sepulin Mountain National Monument
Name of Area

May
Month
1951
Year

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
manent		one		
porary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or Hist. House			
her Trips			
Total	None		XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total	None		XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total	None		XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Roadside marker pointing out five of the principal points of interest			
(Give Name or Type) Total	five		XXXXXXXX

Twelve hundred
Number Visitors to Area this Month

five hundred
Total Interpretive Contacts.

terpretive Activities Outside of the Area: None

Govt. Publications	Sold	On Hand
	None	

MARKS:

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME Homer J. Perry
TITLE Ranger

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chaco Canyon National Monument
Name of Area

May, 1951
Month

1951
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
ermanent	one			1
emporary	One			1

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	35	160	91 Min.
ther Trips			
Total	35	160	XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)	24	115	25 Min.
ther (Not connected with conducted trip)			
Total	24	115	XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

203
Number Visitors to Area this Month

275
Total Interpretive Contacts.

terpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand

MARKS:

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
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NAME Meredith M. Guillet
TITLE Superintendent

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chiricahua National Monument
Name of Area

May
Month
1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent		1	2	3
mporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans	1	5	1 hr.
lks or Hikes	5	55	2½ hr.
ins or Hist. House			
her Trips			
Total	6	60	XXXXXXXX

TALKS	NO.		
mpfire			
~~tel or Lodge~~ Museum - Lantern Slide Lecture	1	22	1½ hr.
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total	1	22	XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
H eadquarters Museum	1	1338	¼ hr.
(Give Name or Type) Total	1	1338	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Nature Trail	1	2	½ hr.
Massai Point Orientation Station - Estimated	1	700	¼ hr.
(Give Name or Type) Total	2	702	XXXXXXXX

1453
Number Visitors to Area this Month

2122
Total Interpretive Contacts.

terpretive Activities Outside of the Area:

	Govt. Publications	Sold	On Hand

MARKS: 3 inquiries answered

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME Claire V. Cook
TITLE Superintendent

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

El Morro National Monument
Name of Area

May
Month

1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent		(1) supt.		1
mporary				0

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes	68	240	1 hour
uins or Hist. House			
ther Trips			
Total	68	240	XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)	16	38	15 mins.
ther (Not connected with conducted trip)			
Total	16	38	XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total	0	0	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Ruins on mesa top	10	53	1 hour
(Give Name or Type) Total	10	53	XXXXXXXX

279
Number Visitors to Area this Month

331
Total Interpretive Contacts.

terpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

MARKS: Late, cold spring and decrease in travel on highway account for drop in number of visitors.

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NAME Irving Kenell, Jr.
TITLE Superintendent

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(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

COLUMN 3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS. GIVE TYPE OF ACTIVITY; SUCH AS TALK, BROADCAST, EXHIBIT, ETC.; DATE; ATTENDANCE; AND OTHER DATA NECESSARY TO DESCRIBE THE ACTIVITY.

TOTALS: TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

GOVERNMENT PUBLICATIONS: (FOR HISTORICAL AREAS) INDICATE BY NAME OR NUMBER THE COPIES SOLD AND ON HAND.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING INTERPRETIVE SERVICES. RETAIN ORIGINAL IN AREA FILES. IN AREAS EMPLOYING NATURALIST THIS REPORT TO BE ATTACHED TO HIS MONTHLY NARRATIVE REPORTS. IN OTHER AREAS IT SHOULD BE PRESENTED AS A SEPARATE REPORT WITH COPIES FOR COORDINATING SUPERINTENDENT, REGIONAL DIRECTOR AND DIRECTOR FORWARDED THROUGH ADMINISTRATIVE CHANNELS. DATE DUE EACH MONTH IN ACCORDANCE ADMINISTRATIVE MANUAL, VOL. 15, CHAPTER 8 (REPORT 8M3) AND 9 (REPORT 9M3).

10-769
Reports
3m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Gran Quivira National Monument
Name of Area

May
Month

1951
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	50	173	44 min.
Other			
Total	50	173	36 hrs.

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Temporary museum	67	242	15 min.
(Give Name or Type) Total	67	242	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Self guide trail	20	79	25 min.
(Give Name or Type) Total	20	79	25 min.

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	5	letters	
Other			

494
Total Receiving Interp. Serv.

252
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME Ray B. Ringenbach
Ray B. Ringenbach,
TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

10-769
Reports
3m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

~~GREAT SAND DUNES NATIONAL MONUMENT~~
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	1	0
Temporary	0	0	0

MAY
Month

1961
Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire	1	18	70 min.
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Contact Station	1	1015	10 min.
(Give Name or Type) Total	1	1015	

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks	11	639	55 min. ave.
Displays and Exhibits			
Replies to Inquiries			
Other			

1033
Total Receiving Interp. Serv.

1074
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
6 page booklets	
Popular Studies	
Source Books	

NAME (SIGNED)
Glen T. Bean

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

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TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

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m No. 10-769
orts
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Montezuma Castle National Monument
Name of Area

May
Month

1951
Year

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
manent	1	1	1	3
porary	1			1

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or Hist. House	153	686	45 min.
her Trips			
Total	153	686	XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
tle Museum (Not continuously attended)	1	2800	10 min.
ll Museum	1	103	10 min.
k connected with tour but received by those			
et making tour.		800	10 min.
(Give Name or Type) Total	2	3497	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
camoraTrail	1	2000	30 min.
ntezuma Well Loop Trail	1	1081	30 min.
(Give Name or Type) Total	2	3081	XXXXXXXX

3591
Number Visitors to Area this Month

6574
Total Interpretive Contacts.

erpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

ARKS:

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
lease read them carefully.

NAME JOHN O. COOK
TITLE Superintendent.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE SUPERINTENDENTS, ASST. SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.
"CONTACT" IS A CONNECTION, INTERPRETIVE IN CHARACTER, BETWEEN A PERSON AND A NATIONAL PARK SERVICE EMPLOYEE OR A PARK INTERPRETIVE DEVICE, EXCLUSIVE OF RADIO, BOOK, PAMPHLETS, AND THE LIKE.

CONDUCTED TRIPS: CARAVAN OR HIKING TRIPS CONDUCTED BY N.P.S. PERSONNEL FOR GENERAL FIELD ACTIVITIES. TRIPS SPECIFIC TO RUINS AND HISTORICAL HOUSES SHOULD BE REPORTED ON LINE 3. BE SPECIFIC UNDER OTHER TRIPS AS TO TYPE OF CONDUCTED TRIP SUCH AS BOAT, SKI, OR OTHER ORGANIZED ACTIVITY.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITOR USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVIC TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

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m No. 10-769
orts
and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

NAVAJO NATIONAL MONUMENT
Name of Area

May
Month
1951
Year

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
manent		one		one
porary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans Betatakin Ruin	16	57	3.5 hr
bus or Bikes Keet Seel	5	16	8 hr
ins or Hist. House			
her Trips			
Total	21	73	XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
nformal talks by superintendent to overnight campers	5	18	
nformal musuem	21	78	
(Give Name or Type) Total	26	96	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Sandal Trail	28	73	
(Give Name or Type) Total	28	73	XXXXXXXX

93
Number Visitors to Area this Month

242
Total Interpretive Contacts.

erpretive Activities Outside of the Area:

	Govt. Publications	Sold	On Hand

ARKS: High visitor contact due to large number of overnight campers

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
lease read them carefully.

NAME John A. Lindbergh
TITLE Superintendent

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EXPLANATION OF TERMS USED

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TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

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m No. 10-769
orts
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Organ Pipe Cactus Nat'l Mon.
Name of Area

May
Month
1951
Year

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
manent		1	2	3
porary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or Hist. House			
her Trips			
Total			XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
Headquarters	1	239	1/4 hr.
Study Skin Collection	1	11	1/3 hr.
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Arizona Desert Trail	1	77	1/2 hr.
(Give Name or Type) Total			XXXXXXXX

17,614
Number Visitors to Area this Month

327
Total Interpretive Contacts.

erpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

ARKS:

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
lease read them carefully.

NAME William R. Supernaugh
TITLE Superintendent

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
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TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

COLUMN 3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS. GIVE TYPE OF ACTIVITY; SUCH AS TALK, BROADCAST, EXHIBIT, ETC.; DATE; ATTENDANCE; AND OTHER DATA NECESSARY TO DESCRIBE THE ACTIVITY.

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GOVERNMENT PUBLICATIONS: (FOR HISTORICAL AREAS) INDICATE BY NAME OR NUMBER THE COPIES SOLD AND ON HAND.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING INTERPRETIVE SERVICES. RETAIN ORIGINAL IN AREA FILES. IN AREAS EMPLOYING NATURALIST THIS REPORT TO BE ATTACHED TO HIS MONTHLY NARRATIVE REPORTS. IN OTHER AREAS IT SHOULD BE PRESENTED AS A SEPARATE REPORT WITH COPIES FOR COORDINATING SUPERINTENDENT, REGIONAL DIRECTOR AND DIRECTOR FORWARDED THROUGH ADMINISTRATIVE CHANNELS. DATE DUE EACH MONTH IN ACCORDANCE ADMINISTRATIVE MANUAL, VOL. 15, CHAPTER 8 (REPORT 8M3) AND 9 (REPORT 9M3).

eports
3m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Saguaro National Monument
Name of Area

May
Month

1951
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		2	
emporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.	No. of days	
Monument headquarters	30	1,827 persons in 550 parties	13 min. avg. per part
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
Cactus Forest Trail		1,827 persons in 550 parties	30 min.
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

3,654
Total Receiving Interp. Serv.

3,445
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
6 page booklets	
opular Studies	
ource Books	

NAME Samuel G. King

TITLE Superintendent

EMARKS: (Please note below any factors influencing interpretive service, such as: nuseum closed for repairs", "closed for season", "naturalist on sick leave", etc.

It is estimated that visitors spend 30 minutes observing the natural history exhibits on the Cactus Forest Trail.

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Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

rm No. 10-769
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3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Sunset Crater National Monument
Name of Area

MAY
Month
1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent				
mporary		1		1

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or Hist. House			
her Trips			
Total			XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
rail Side Signs	494	1444	5 Min.
ava Flow Nature Trail	158	422	25 Min.
(Give Name or Type) Total	652	1866	XXXXXXXX

1444
Number Visitors to Area this Month

1866
Total Interpretive Contacts.

erpretive Activities Outside of the Area:

	Govt. Publications	Sold	On Hand

ARKS: **Seasonal Ranger Robert H. Viklund, EOD May 1.**

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
lease read them carefully.

NAME
TITLE **Superintendent**

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m No. 10-769
orts
5 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Tonto National Monument
Name of Area

May
Month

1951
Year

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
manent	1	1		2
porary	1 WAE Guide			1

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or ~~Hist. House~~	168	493	1 hour av.
her Trips			
Total	168	493	XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
HDQ Museum-Office	30 days		
		1274	15 min av.
(Give Name or Type) Total	30	1274	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Nature trail to cliff dwelling, & easel			
stands along trail	493		
(Give Name or Type) Total	493		XXXXXXXX

1398
Number Visitors to Area this Month

1891
Total Interpretive Contacts.

terpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand

ARKS: Seasonal Ranger terminated Apr. 28. WAE Guide on part time, new Archaeologist entered on duty May 21.

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
lease read them carefully.

NAME Charles C. Sharp
TITLE Supt.

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REVISED MAY 1949.

rm No. 10-769
ports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Tumacacori National Monument
Name of Area

May
Month
1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent		1	1	2
mporary			1	1 for 5 days

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	208	1,028	36.85 minut
ther Trips			
Total	208	1,028	XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total	0		XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
mbined information and interpretation service			
at registry desk, museum or garden	1	2,636	5 mins.(ave
(Give Name or Type) Total	1	2,636	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
lf-guiding museum and patio garden (with nature			
ail leaflet for the garden). However, inter-			
etive service is often given in the garden.	2	2,654	18.4 mins.
(Give Name or Type) Total	2	2,654	XXXXXXXX

2,761 *
Number Visitors to Area this Month

6,318
Total Interpretive Contacts.

terpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand
	none		

RMARKS: * Visitor total includes 107 runarounds.

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME Albert G. Henson
TITLE Acting Sup't

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CONDUCTED TRIPS: CARAVAN OR HIKING TRIPS CONDUCTED BY N.P.S. PERSONNEL FOR GENERAL FIELD ACTIVITIES. TRIPS SPECIFIC TO RUINS AND HISTORICAL HOUSES SHOULD BE REPORTED ON LINE 3. BE SPECIFIC UNDER OTHER TRIPS AS TO TYPE OF CONDUCTED TRIP SUCH AS BOAT, SKI, OR OTHER ORGANIZED ACTIVITY.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITOR USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVIC TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

COLUMN 3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOUL NOT BE INCLUDED IN THE TOTALS. GIVE TYPE OF ACTIVITY; SUCH AS TALK, BROADCAST, EXHIBIT, ETC.; DATE; ATTENDANCE; AND OTHER DATA NECESSARY TO DESCRIBE THE ACTIVITY.

TOTALS: TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MA RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FO COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

GOVERNMENT PUBLICATIONS: (FOR HISTORICAL AREAS) INDICATE BY NAME OR NUMBER THE COPIES SOLD AND ON HAND.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING INTERPRETIVE SERVICES. RETAIN ORIGINAL IN AREA FILES. IN AREAS EMPLOYING NATURALIST THIS REPORT TO BE ATTACHED TO HIS MONTHLY NARRATIVE REPORTS. IN OTHER AREAS IT SHOULD BE PRESENTED AS A SEPARATE REPORT WITH COPIES FOR COORDINATING SUPERINTENDENT, REGIONAL DIRECTOR AND DIRECTOR FORWARDED THROUGH ADMINISTRATIVE CHANNELS. DATE DUE EACH MONTH IN ACCORDANCE ADMINISTRATIVE MANUAL, VOL. 15, CHAPTER 8 (REPORT 8M3) AND 9 (REPORT 9M3).

REVISED MAY 1949.

rm No. 10-769
ports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

TUZIGOOT NATIONAL MONUMENT
Name of Area

MAY
Month

1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent	1	1		
mporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	509	1481	
ther Trips			
Total			XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)	506	1467	10 min.
ther (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total	1015		XXXXXXXX

1565
Number Visitors to Area this Month

2948
Total Interpretive Contacts.

terpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand

MARKS:

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME J. W. Brewer
TITLE Superintendent

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

EXPLANATION OF TERMS USED

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Reports
3m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Walnut Canyon National Monument
Name of Area

May
Month

1951
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	1	1
Temporary	0	0	0

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Overlook at museum	1	1824	15 min.
Museum	1	1629	10 min.
(Give Name or Type) Total		3453	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Ruins trip into canyon (Island Trail)	1	1276	50 min.
(Give Name or Type) Total	1	1276	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts	0		
Talks	0		
Displays and Exhibits	0		
Replies to Inquiries	4		
Other	0		

~~4079~~ 4729
Total Receiving Interp. Serv.

1824
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	None
Popular Studies	None
Source Books	None

NAME Homer T. Hastings

TITLE Supt.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

~~Contact and museum open daily from 8:00 A.M. to 5:00 P. M.~~

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

White Sands National Monument
Name of Area

May
Month

1951
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	2	2	2
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
	30	7,000	1/6
(Give Name or Type) Total		7,000	

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

7,000
Total Receiving Interp. Serv.

14,693
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

15 page booklets	
Popular Studies	
Source Books	

NAME Johnwill Faris

TITLE John Will Faris, Superintendent.

REMARKS: (Please note below any factors influencing interpretive service, such as: "Museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

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INSTRUCTIONS FOR FILLING IN THE FORM

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COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

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rm No. 10-769
ports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Wupatki National Monument
Name of Area

May
Month
1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent		1	1	2
mporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	178	465	18 Min.
ther Trips			
Total	178	465	XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Wupatki Ruins Trail	267	684	35 Min
Walakihu-Citadel Trail	160	399	30 Min
(Give Name or Type) Total	427	1083	XXXXXXXX

752
Number Visitors to Area this Month

1548
Total Interpretive Contacts.

terpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand

MARKS:

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NAME
TITLE Superintendent

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COLUMN 3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS. GIVE TYPE OF ACTIVITY; SUCH AS TALK, BROADCAST, EXHIBIT, ETC.; DATE; ATTENDANCE; AND OTHER DATA NECESSARY TO DESCRIBE THE ACTIVITY.

TOTALS: TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

GOVERNMENT PUBLICATIONS: (FOR HISTORICAL AREAS) INDICATE BY NAME OR NUMBER THE COPIES SOLD AND ON HAND.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING INTERPRETIVE SERVICES. RETAIN ORIGINAL IN AREA FILES. IN AREAS EMPLOYING NATURALIST THIS REPORT TO BE ATTACHED TO HIS MONTHLY NARRATIVE REPORTS. IN OTHER AREAS IT SHOULD BE PRESENTED AS A SEPARATE REPORT WITH COPIES FOR COORDINATING SUPERINTENDENT, REGIONAL DIRECTOR AND DIRECTOR FORWARDED THROUGH ADMINISTRATIVE CHANNELS. DATE DUE EACH MONTH IN ACCORDANCE ADMINISTRATIVE MANUAL, VOL. 15, CHAPTER 8 (REPORT 8M3) AND 9 (REPORT 9M3).

PROJECT CONSTRUCTION RECORD

PROPOSED	1. NAME OF PROJECT	2. LOCATION Master Plan Sheet No. _____ Edition of 19____	3. FUNCTION	4. PARK OR MONUMENT AND STATE Park _____ State _____
PROGRAMMED	5. PROPOSED WORK	6. SOURCE OF ESTIMATE Note basis of calculation and if approximate or computed Prepared by _____ Date _____		7. ESTIMATED COST MATERIALS AND EQUIP. / LABOR
ALLOCATION	8. TYPE OF CONSTRUCTION, MATERIALS, ETC.	9. DIMENSIONAL DATA		$_____ $_____ $_____ $_____
CURRENT	10. PREVIOUS WORK ON PROJECT Itemize with costs and dates		11. PREV. EXPEND. Total $_____	$_____ $_____ $_____ $_____
COMPLETE	12. DRAWING REFERENCE Give titles and dates and how near completion			$_____ $_____ Total for construction $_____ Plans and supervision $_____ GRAND TOTAL ____ $_____
	13. JUSTIFICATION			
	14. REPORT REFERENCE			15. THIS SHEET PREPARED BY _____ Date Title _____
	16. MISCELLANEOUS DATA			17. RECOMMENDED _____ Date *Superintendent.* *Regional Director.* *Chief of Planning.* *Chief of Engineering.*
	18. REMARKS			19. APPROVED _____ Date

UNITED STATES
DEPARTMENT OF
THE INTERIOR
NATIONAL PARK SERVICE

Form No. 10-414

King

UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Region Three
Santa Fe, New Mexico

SWNM Narrative Reports
June 1951

Routing List--Southwestern National Monuments

	Name of Official	Date Received	Date Forwarded
Bandelier	Bennewitz	July 21	July 24
El Morro	[illegible]	7/27/51	7/30/51
Canyon de Chelly	E.N. Bright	8-1-'51	8-3-'51
Chaco Canyon	[illegible]	8/6/51	8-7-51
Aztec Ruins	[illegible]	[illegible]	[illegible]
Arches	B.C. Wilson	8/12/51	8/13/51
Great Sand Dunes	J. Bear	8/20/51	8/22/51
Capulin Mountain	[illegible]	9-5-51	9/10-51
Gran Quivira	Lofinguebach	8/11-51	8/12-51
White Sands	[illegible]	[illegible]	[illegible]
Region Three Office--Mr. King			

(List No. 1.)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

ARCHES NATIONAL MONUMENT
MOAB, UTAH

June 27, 1951

Memorandum

To: General Superintendent

From: Superintendent, Arches

Subject: Narrative Report for the month of June, 1951

WEATHER: Although we received no measurable amount of precipitation temperatures have been exceptionally low for the month of June.

TRAVEL: During the unusually cool weather 2794 people visited the area in 872 cars. Thirty-eight states, District of Columbia, and seven foreign countries were represented. An increase of 91 % over the same period last year is noted.

INTERPRETIVE SERVICE: Of the 2794 visitors 817 were contacted in the monument and 330 at headquarters. The Cove Nature Trail was used by an estimated 640 visitors and 658 stopped at the Wayside Exhibit. Many comments expressing appreciation of these two interpretive devices appear on the register. Fourteen guided tours were made with a total attendance of 131 people. Ranger Worthington gave 17 illustrated talks while on annual leave and after hours at his residence with a total attendance of 330 people.

PUBLICITY: A permit to film motion pictures was issued to The Universal Motion Picture Company. They started filming "Battle of Apache Pass" on June 21, using locations at Fisher Towers on the Colorado and at the Sand Flats East of Moab. Their present plans are to film in the monument around the first of July. This picture, being made in technicolor should give this area a great deal of publicity.

NPS VISITORS: General Superintendent, John M. Davis, May 29
Landscape Architect, Carl W. Alleman, June 24
Hugh M. Miller, Assistant Regional Director, June 1
Harold M. Ratcliff, Forrester, June 1.

PERSONNEL: Howard M. Williams entered on duty as Seasonal Ranger June 24. Ranger Worthington returned from two weeks annual leave May 31.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

ZION NATIONAL MONUMENT
NEAR ZION

June 27, 1941

Memorandum

To: Superintendent

From: Superintendent, Zion

Subject: Inventory Report for the month of June, 1941

Visitation: Although we anticipated an unusually heavy volume of visitation during the month, there were comparatively few for the month of June.

Fire: During the exceedingly dry weather there occurred one small fire in the park. Unfortunately another fire, started on adjacent Forest Service property, crossed the park boundary. In Zion Canyon it was finally controlled before high-water mark. In Springdale it did not stop until it had burned two blocks of private land.

Interpretive activities: At the site museum 222 were contacted in the museum and 420 at Springdale. The film "Zion Canyon Trail" was used by an estimated 461 visitors and 102 adults at the campfire program. The campfire attendance was considerably reduced because of other and competing activities in the vicinity. Other contacts made were made with a total attendance of 1,000 people. Senior naturalists gave an illustrated talk on scenic Zion and other areas on 21 occasions attended by 1,0 people.

Publicity: A permit to film various photographs was issued to the Universal Motion Picture Company. Our chief clerk, Charles Tomlin, of Lamoka Point, on June 23, noting lightning in Pine Creek on the Cedarwood and in the Dead Horse area of Zion Park (Pacific Daylight Time) saw an item in the newspaper around the Zion at Juba. This is strong, being made in keeping with the policy which gives a great deal of publicity.

Bus visitors: Several superintendents, Mr. Lee, Mr. Tay, Mr. Anderson, Mr. Cull, Mr. Atkins, Mr. Ed Moss, Mr. Bliss, Mr. Cullen, Mr. Cedarwood, Mr. Tomlin, Mr. Tarvin, Mr. Wheeler, Mr. Lee.

Accidents: Report of visitors received in July as Chief Ranger Mr. Ed Moss reported accidents from his area which occurred during the month.

ROADS: Due to the lack of funds during the fisrt part of the report period and no moisture, Maintenanceman Winbourn has only been able to do shale plating work on the monument roads; however they are in fair condition.

APPROACH ROADS: Because of the possible motion picture filming in the area the State Highway Department plans to do extensive shale plating on Route #93.

PROTECTION: A case of theft was reported on June 25 by a visitor whose car was broken into and a purse stolen. The window of the car, parked at the Windows Section, was broken and a purse containing $6.00 was taken from the front seatwhile the owners were making a tour to Double Arch. We received the report two hours after the theft was discovered and were unable to get any description of cars or people who were in that area at the time the crime could have been committed. Consequently we were unable to do much of anything except make a report to the local authorities.

EQUIPMENT: One army surplus truck was sold on invitation bid to Robertson Brothers, Moab, the sucessful bidders.

Bates E. Wilson
Bates E. Wilson
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

24 June 1951

Memorandum

To: General Superintendent

From: Superintendent Aztec Ruins

Subject: Report 1ml, Superintendent's Monthly Narrative

WEATHER: Excellent weather for the visiting public, with generally clear and warm days. No precipitation.

MAINTENANCE: Repair to the great kiva roof is under way by the laying of heavy felt paper.

Ruins stabilization continues under the direction of Raymond Rixey, Archeologist Aide. The excavation of the south wall is 7/8 completed with numerous interesting features having been uncovered, viz; sunken earthen, storage jar and several grinding bins in place. A special report by Rixey is forwarded on the subject.

APPROACHES TO PARK AREA: The state highway crew has repaired several holes and a poor stretch of road between the town of Aztec and the Monument.

INTERPRETIVE SERVICE: There were 2,191 visitors in 250 parties conducted thru the ruins and 3223 visitors in 570 parties shown thru the museum.

MUSEUM ACTIVITIES AND EXHIBITS: We are replacing the museum case signs with new labels of neater design. One case has been completed and we hope by the close of the year to have the job completed.

RESEARCH AND OBSERVATION: Blue Gross Beaks nesting here again this year are currently instructing their young in the art of flight. Rough winged swallows are nesting in the ruins and numerous nests of Bullocks Orioles and Long Tailed Chats are on the Monument.

Increase In Travel: There were 3,223 visitors in 965 cars from 43 states, Wash D.C., Alaska, Canada, England, Germany and India. This is an approximate 32% increase over the same period last year, which itself was 3% ahead of the previous year.

RANGER FORCE: Frank W. Eddy entered on duty as temporary ranger, June 6. Frank is a senior student in anthropology at the University of New Mexico. Ranger Clyde A. Maxey and Miss Barbara Ann Giauque were married June 17. Barbara is employed by the NPS

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

Rocky Mountain National Park. She is a graduate of School of Forestry, Ft Collins, Colorado as was ranger Maxey. They both worked together at Rocky Mt and are currently spending a short honey moon in that vicinity.

VISITORS: Jess Lombard visited May 26 and John Davis on the 28th. Barbara Knapp, USGS, Washington D.C. visited on May 30 and Katherine Corbin, State Healthe Department, Santa Fe was in on June 13. We had a group of 18 Boy Scouts from Gallup, N.M. in June 17.

During July we hope to continue our ruins stabilization and excavation, also to fully repair the great kiva roof cover.

Irving R. Townsend
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

June 28, 1951

Memorandum

To: General Superintendent

From: Superintendent, Bandelier

Subject: Narrative Report for June, 1951

Weather

The weather during the entire month continued to be very hot and dry. Temperatures reached the 90s every day from 15th on with a high of 98 degrees on the 17th and 18th. A short thunderstorm gave us .07 inches of moisture on the 21st, but this was hardly enough to settle the dust.

The fire danger reached emergency conditions the latter part of the month and the Rito de los Frijoles had dried up as far as the campground.

Special Activities

A group of Regional Office employees who do not usually get out to field areas came to Bandelier on June 6 as part of the In-Service Training program. They were given a brief insight into all phases of the operation of an area, including a discussion of the master plan, organization, interpretation, protection, concessions, and maintenance.

Four In-Service training meetings were held for the temporary rangers which included a tour to the Ceboni section and to the San Miguel lookout, and discussions of service objectives and policies, area ecology, and protection.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

Inspections

Messrs. Burns Rooney and Wilson George from the Washington office and Regional Chief of Concessions Management, Koehler, made an inspection of the concessions operation on June 3. They were particularly interested in rates, but also became more familiar with the physical plant.

Regional Forester Carlson and Forester Dodd from the Washington office made a short visit to the area on June 16. It was Mr. Dodd's first visit here.

Messrs. Moran and Carter inspected the road oiling job on the 14th, and Messrs. Smith and Carter made another inspection of the oiling on the 19th.

Maintenance

Maintenanceman Valencia was gone most of the month to haul four house trailers, that had been acquired at Ft. Sumner, New Mexico for the Southwestern Monuments, to various areas.

The floors of the comfort stations were painted which generally improved their appearance.

Roads and Trails

The approach road was in a deplorable condition by the last of the month, due to extreme dryness. The maintenance crew hauled water to wet down the dust pockets and holes and filled them as well as they could with clay and gravel. The operator general graded the road which improved it to some extent, but it will remain rough and dusty until some moisture is received.

The ruins trails were given a dust palliative treatment of Corvus oil. The oil is non-staining and makes walking on the trails much more pleasant for the visitors.

The road from the checking station to the end of the paving leading in to Frijoles Canyon was given a dust palliative treatment of RC-1 and 100-120 oil. In spite of watering and rolling the road prior to oiling, there are numerous soft spots that will require additional treatment.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

The [illegible] on that section of Highway 4 from [illegible] to Los Alamos, that is being constructed by the [illegible], is nearing completion, and the oiling may start next month. The construction of this road caused a change at our checking station from a Y to a single entrance.

Concessions

A check was made with the concessioner on rates charged for food, to be sure prices conform to approved rates.

The concessioner reported better business at the lodge this month than for June last year. There were 217 guests and 206 lodgings as compared with 192 guests and 229 lodgings last year.

Interpretive Service

A total of 3314 visitors were conducted through the ruins on 161 tours, as compared with 3204 visitors for June, 1950.

The evening lectures were started on June 22 and six were given with a total attendance of 120 visitors.

Travel

In spite of the hot, dry weather, travel continued to increase, although there were considerable fewer visitors on the 24th than on other Sundays of the month. A total of 8694 visitors came to the area compared with 7620 for June of last year. We hesitate to add that this is the most travel for June on record since nearly every month exceeds the travel for the corresponding month in previous years.

Visitors

A group, including Mr. Gore, vice-president of the Metropolitan Life Insurance Co., Mr. and Mrs. Dean, City Manager of Grand Rapids, Michigan, Mr. Babcock, real estate consultant, Washington, D.C., and Mr. Johnson, Atomic Energy Commission, Washington, D.C., visited the area on June 7.

Mr. L. C. Hartshorn, Assistant Regional Director of the Fish and Wildlife Service, Albuquerque, New Mexico, visited the ruins on the 10th.

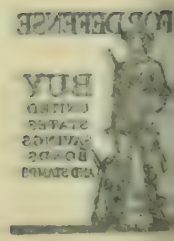
UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

Insects and Tree Di[illegible]

The aerial spraying for the control of tent caterpillars that was undertaken the last of May has proved to be very effective. No tents have been observed in the sprayed area although there is a considerable infestation in the Cowdi section of the Monument.

Fred W. Binnewies
Fred W. Binnewies
Superintendent


BUY
UNITED
STATES
SAVINGS
BONDS
REGULARLY

Canyon de Chelly National Monument
Chinle, Arizona

June 26, 1951

Memorandum

To: General Superintendent

From: Superintendent, Canyon de Chelly

Subject: Monthly Narrative Report for June, 1951

Visitor Travel: A very sharp increase in travel - 779 people this month compared with 440 for the same period last year, or an increase of 77 plus per cent. Also, the current travel year is 41 per cent over that of 1950. June visitors arrived in 245 cars. Guide and contact service totaled 115 hours, and 15 minutes. 184 overnight campers used our new campground facilities.

Weather: Extremely dry. No precipitation of any nature during the month, and as a result only four-wheel drive vehicles can make the trip into the canyon. High-low temperatures ranged from 95 to 33.

Roads: All approach roads, including the one through Saw Mill, are in good condition. Recent bladings by the County Highway helped materially.

Project Programs: Rehabilitation of Buildings Project No. CDC-231.04, alterations to Superintendent's Residence, completed during the month and necessary completion forms submitted.

Due, apparently to the critical shortage of steel our seven tons of wire, necessary for the completion of the Water Shed S & M. Program, has not as yet arrived. Also, Roads and Trails Programs were completed during the past 30 days.

Signs: New, large and attractive directional signs were made and placed throughout the entire monument traveled area. Much favorable comment is being received due to these added facilities.

Special Group: 17 members of boy scout troop No. 55 from Holbrook, Arizona. on June 2 - 3. All camped at Spider Rock campground area.

Noteworthy Visitor: Fred Gurley, President Santa Fe Railways, on June 10-11-12-13.

N.P.S. Visitors: Paul Balch on June 5-6-7-8-9. Les Arnberger and Family on June 23-24-25, and Dan Black, Ranger Grand Canyon N.P. on June 25-26.

[illegible]

[illegible]

[illegible]

Jasper de Guzik National Museum
Guzik, Ontario

Nov 10, 1983

Memorandum

To: General Superintendent

From: Superintendent, Jasper de Guzik

Subject: Monthly Attendance Report for June, 1983

Visitor Trends: A very slow January in terms - 272 people this month compared with 310 for the same period last year, or an increase of 17 plus per cent. Also, the average travel party is 41 per cent over that of 1980. Bus tourists arrived in 342 cars. Guide and contact service totaled 221 hours, and 32 minutes. 324 overnight campers used our campground facilities.

Weather: Extremely dry. The precipitation of any amount during the month, and as a result only Saturdays drive vehicles can make the hill into the museum. Highest temperature reached from 80 to 92.

Events: All expected events, including the one already the hill, was in good condition. Lesser flooding by the young Saturday evening.

Project Progress: Rehabilitation of Building Trades on Site-101,04, alterations to Superintendent's Residence, completed during the month and necessary completion from rehabilitation.

Due, especially to the original estimate of about our work has at site, necessary for the completion of the Main Hall & C. Program, has not as yet arrived. Also, Small Art Trails Program has completed during the past 30 days.

Plans: Due, large one attractive Interpretive plans have been placed throughout the entire Museum Property area. This recently removed is being received the in these added facilities.

Special Events: 27 members of Jr. Guide Group to. 21 from Jasper, Ontario, on June 2 - 3. All camped at Spider Creek campground area.

Interpretive Displays: Final display, Prehistoric Lands to delivery, on June 15-16-17.

Lots 2, Training: Best Guide on duty Saturday. Lot attendance and daily on June 15-16-17, and two clerk, Senior Guide Jasper 1-2, on June 16-17.

Canyon de Chelly National Monument
Chinle, Arizona.

June 26, 1951

Con't. from page 1.

Concession: Due to greatly increased number of reservations the Thunderbird Ranch Concessioner is booked solid through the remainder of the current travel year. Present housing facilities should be at least doubled to handle visitors seeking overnight accommodations.

Maint. & Adm: The gas engine at the pump house was completely overhauled for summer pumping. Water usage for stock consumption, concession needs, etc, is heavy, about 10,000 gallons per day.

Six days of annual leave were taken by Ranger Morris.

General cleanup of grounds continues as time permits.

Everett W. Bright
Superintendent.

Bureau de Santé National Navajo
Ft. Defiance, Arizona.

June 15, 1951

Dear Mr. Tom Begay:

Congratulations! You be greatly interested member of industrious Ft. Defiance-Navajo Tuberculosis Association is looking ahead through the remaining of the current fiscal year. Present building facilities already is so least needed to handle visitatory analysis medicinal examinations.

Right, I also. The one engine at the good Navajo has completely installed XXX water pumping. Water usage for stock accomplishes operations smoothly, and, in hurry, about 2,000 gallons per day.

Air base of council have-done take by Navajo Tribe.

General energy of Navajo medicine is the question.

Kenneth Lupton

Kenneth L. Lupton
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Capulin Mountain NATIONAL MONUMENT

Capulin, New Mexico

June 25, 19 51

Memorandum
To: The General Superintendent
Southwestern National Monuments
National Park Service
Santa Fe, New Mexico

From: Superintendent Homer J. Farr

Subject: Monthly narrative report:

Visitors: Five thousand and forty visitors registered on top of the Volcano this month. (More than twice as many as last year). This makes a total of twelve thousand and ninety for the travel year, and thirty one thousand, two hundred and ninety for the fiscal year.

Weather: We have had two half inch rains during the month, between the first and fifth. Since that date have had high winds and very dry weather.

Flora and Fauna: Am expecting the largest crop of wild cherries and gooseberries for many years. Some wild flowers, but not as many as usual, due probably to the late spring. All wildlife in the Monument area is in good condition as usual.

Roads and Trails: Roads are in good condition, and have had maintenance work two days during the month.

The trails have proved very popular since we inaugurated the Crater Rim Trail pamphlet, which have induced many more tourists to "Hit the Trail" than before.

Special Visitors: A group of 41 students from the Kansas State School of Geology, of Lawrence, Kansas, and accompanied by Dr. Thomas made their annual visit to the Volcano last week.

Information Pamphlets: Twenty pamphlets have been mailed to different parts of the country, and about 4,000 have been handed out to visitors during the month. Now have about 12,426 pamphlets on hand.

Respectfully,

Homer J. Farr
Ranger

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Crater Lake National Monument

Medford, Ore. Bulletin

June 30, 19..

Superintendent
To: The General Superintendent
Yellowstone National Monument
National Park Service
Lake Ft. Yellowstone

Thru: Superintendent Grant L. Pace

Subject: Monthly Activity Report:

Visitors: Five thousand and forty visitors registered on the rim of the volcano this month. Some than twice as many as last year. This makes a total of twelve thousand and ninety for the fiscal year, and fifty one thousand, two hundred and eighty for the fiscal year.

Weather: We have had two hail storms during the month, between the first and fifth. Since that date have had high winds and very dry weather.

Fires and Fuels: In attending the Oregon crew of this concession and Grants Pass for camp guards. Some slight fires, but not so many as usual. The product is the lake rating. All activity in the monument were in good condition as usual.

Roads and Trails: Roads are in good condition, and have had maintenance work for days during the month.

The trails have already to a possible place to designated the lower rim trail permits, which have taken only more travels on this use trail than usual.

Special Visitors: A group of 41 educators from the Lewis-Clark Normal of Lewiston, of Lewiston, Idaho, was accompanied by Mr. Thomas Jones this month. Visit is the fifteen last week.

Interpretive Functions: Twenty programs have been held in different parts of the monthly, and about 6,000 have been broken out to visitors during the month. We have about 12,000 campfires to date.

Respectfully,

Robert L. Fox
Ranger

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CASA GRANDE NATIONAL MONUMENT

COOLIDGE, ARIZONA

June 25,1951

Memorandum

To: General Superintendent,SWNM

From: Superintendent,Casa Grande

Subject: Monthly Narrative Report for June 1951.

General: The past two years we have been reporting that the drouth condition in Arizona is serious; this month we can change that to extremely serious. We quote,in part, from two articles published in the Arizona Republic.

> A new electronic measuring device is telling Arizona farmers that the big groundwater reservoirs are about empty. Designation of 460,000 acres of Pinal County land as a critical area will do little to slow down depletion of underground water. W.W.Lane,Arizona state land commissioner, states there are 395 notices of intention to sink new wells,on file in his office at this time. At present there are 539 wells functioning in the Gila and Santa-Cruz river groundwater basin. Testimony at a public hearing held at Casa Grande showed that in the Stanfield Maricopa district of the basin underground water is being pumped out at a rate 37 times that of annual replenishment.
>
> A strong underground water code,like any other restrictive law, can come only when people understand the danger and want to have uniform restraints imposed on the whole community.
>
> Samuel F. Turner,district engineer for the U.S. Geological Survey, believes that time is near.
>
> Salt River Valley Water Users Association and individual farmers are realizing that drilling their wells deeper is not increasing production. In some cases production has continued to drop as much as 50 per cent.
>
> " There are quite a few crops of cotton in Arizona this year that are not going to be harvested ," Turner declared.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CASA GRANDE NATIONAL MONUMENT

COOLIDGE, ARIZONA

Vacation time is here. Maintenanceman Rudloph Mack returned from annual leave on June 21. Archeologist Jameson left June 20, to vacation in Salt Lake City. He will return July 21. Ranger Clancy and family spent three days visiting with the Cooks at Montezuma Castle.

Casa Grande has reason to be proud of their two fold booklet. Last week a couple from Ohio drove up in a cloud of dust, parked their car signed the visitor register and started to leave. When asked by the Ranger if they would like to make a trip through the ruins he was told there was no need to waste all that time as they had read our booklet and knew all there was to know about the place.

Weather: The weather this month has been very normal. Hot days and cool nights. We expected no rain and sure enough we had none.

Highest Maximum this month	116
Lowest minimum this month	46
Total rainfall this month	0

Visitors: As usual travel during the summer months has been slow, although we have had visitors from all except three of the forty eight states and several foreign counties.

Visitors during June, 1950 ----	1706
Visitors during June, 1951------	2633
Increase for the month	927
Increase for the travel year----	3978
Servicemen during the month	38

Interpretive Service: A total of 1,280 people saw the "ruins" in 186 groups, averaging 47.8 minutes per trip. There were 1,353 visitors who made a brief stop and did not see the "ruins" we estimate that 70% of this group did see the museum.

Visitors of Note and Special Groups:

May 25,1951 -- 24 students from the Douglas, Arizona Hi-School.

May 31,1951 -- Dale S. King SWNM. Naturalist

June 24,1951--- 18 Air Cadets from Davis-Monson Air Base,Tucson.

Qualities that is here. Relationships Indicate that restored from annual leave on June 23. Productivity decreasing late June 27, so vacation probably been risky. We will return July 22. Energy slowly and fragile again. Have been visiting with the Swens in Tombstone Cecile.

Dear Brenda the reason is to avoid at least two full months. Last week a couple from this diner by in a wind of duty, after that we signed the visitor register and started to leave. Back called by the Bender if they would like to have a very interesting time when on the trip this years was so good to meet all that live. We Gary had read her lovelies and then with there was to know about the place.

Weather: The weather this month has been very unusual. Hot days and cool nights. We expected to pick not more moisture we had been.

Highest Maximum this month	101
Lowest minimum this month	44
Total rainfall this month	4

Visitors: In small travel during the summer months has been slow, although we have had visitors from all areas. Three of the Fancy Alpine Vistas and several Jewelry customers.

Visitors during this month	1254
Visitors during year, 1971	9988
Increase for the month	327
Increase for the calendar year	1089
Percentage during this month	21

Improvements: Purchased a total of 1,000 gallons and the "Pulsar" is 100 gallons, remodeling the kitchen and 2nd floor. There were 1,000 visitors who made a "total sing and dat" and we also the "Pulsar" we estimate that 75% of the people did see the museum.

Visitors of Note: All Imperial Tourist.

May 30,1971 -- Is a schedule from the Douglas, Arizona Bi-Weekl.

May 31,1971 -- Talk to Mrs. Ruth Wood, Wallingford.

June 26,1971 -- Is the Cheese from Switzerland at Swen,Tombs.

Administration and Protection: There were six requests for information this month,all were answered the day received. The Adamsville site was checked and found to be in good order.

Maintenance: About 50% of the signs in the area have been painted and relettered. This has developed into quite a project as all the old paint had to be scraped from the letters before a satisfactory job could be done. This work will continue during the coming month. Painting of the Jameson residence is being done while they are on annual leave.

Library: We received our copy of " Steve Mather of the National Parks" a book the entire Monument personnel enjoyed very much.

Wildflowers and Cactii: Even the most hardy of our desert plants are beginning to show the effects of the drouth, however one good rain will put them back in business again.

Wildlife: A few Western Red Racers have move into the ruin,but to date have had no startling effect on the visitors.

A. T. Bicknell
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Chaco Canyon National Monument
Bloomfield, New Mexico

June 28, 1951

Memorandum

To: General Superintendent

From: Superintendent, Chaco Canyon

Subject: Report of Activities at Chaco Canyon National Monument during the month of June, 1951

Weather Conditions

The severe drought continues and efforts of rainmakers have proved fruitless in causing any precipitation in this vicinity. Not even atrace of moisture was recorded during June. Hot, windy weather has prevailed thruout the month. Maximum temperatures were mostly above 85 with a high of 94 degrees. The minimum temperature was 31 degrees.

Administration

All administrative work that comes with the end of each fiscal year has been kept fairly current in spite of pressure of other duties.

Park ranger Elmore returned to duty on June 19th and WAE Guide Williams was terminated and rehired as Laborer foreman.

Maintenance

Much work was accomplished during the month. The road at the top of the big hill was surfaced with gravel and general repair was made to other spots to the extent of available funds. Trails were cleaned and repaired around the office and to Pueblo Bonito. A parking area and self-guiding trail was made around the B.C. sites and to Casa Rinconada. The Well at the old CCC site was completely cleaned of years accumulation of trash, blowsand and decayed matter. A pump was kept operating continually and after completely cleaning it out and scrubbing down the sides a new temporary roof was installed and it was well chlorinated. The balance of the pipe was dug and the greater part of the trenches have been re-filled. The University well was also cleaned and the rock walls strengthened. A new roof was constructed and a motor overhauled and installed. It was also necessary to repair the covering of the Cess pool at the Superintendents residence. The balance of our directional signs are ready for installation.

Travel

In spite of the extremely dry and hot weather and poor road conditions there has been an increase over previous years travel. with only two men on duty there are only three days each week when any time is available for one man to spend on any other activity.

Interpretive Services

A total of 79 hours was spent in conducting 279 visitors thru Pueblo Bonito and in museum contacts. Our museum and orientation contacts totaled 157 with whom 13 hours were spent.

Visitors:

Mrs. Frederick E Hyde of New York City, Widow of one of the brothers who financed the Hyde Exploring Expedition who first excavated ruins in Chaco Canyon.

N.P.S. Visitors

Mr. and Mrs. Don Black, Ranger, North rim, Grand Canyon.

General

Mr. Thomas W. Mathews, former park ranger at Chaco Canyon has returned and entered on duty with the Mobile Unit. The family of Archeologist Vivian has also returned for the summer months.

The Superintendent with the assistance of Gordon Vivian held a "Sing" and watermelon feed for a group of local Navajo boys. There were around 35 attended and some fine recordings were made of various chants and songs. I recorded a number of solos and was also fortunate in getting a chorus of navajo women to record many songs also.

Meredith M. Guillet
Superintendent

Travel

In spite of the extremely dry and hot weather and poor road conditions there has been an increase over previous years travel. With only two or four trips one only views the land and sees any thing is available for one can be spared on any other activity.

Informative Service

I total of 72 hours was spent in assisting 173 visitors from Santa Monica and in answering correspondence. Our service and information contacts totaled 317 with 23 hours were spent.

Visitors

Mr. Freeman I Lyle of Los Angeles City, Chief of one of the workmen who finished the work Modesto Irrigation was first assigned rules in their charge.

Mrs. Hudson

Mr. and Mrs. Don Hawk, Oregon, North Ore, Great Falls.

Leaves

Mr. Edward V. Hutton, Forest park ranger at Cache Lodge has returned and assumed on duty with the Ranger Unit. The family of Superintendent Tyler has also returned for the summer months.

The Superintendent with the assistance of Jordan Tyler held a "Ship" and woodsmen fest for a group of local Jewish boys. There were around 35 attended and some fine woodsmen were made of spoons, ducks and swans. I recorded a number of color and sun fotoments in getting a photo of such to women to record any scene also.

Respectfully, Dallas
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Chiricahua National Monument
Dos Cabezas, Arizona

June 25, 1951

Memorandum

To: General Superintendent

From: Superintendent, Chiricahua

Subject: Monthly Narrative Report

Following is a report of activities at Chiricahua for the month of June.

Weather. Weather has remaine very dry. One dry lightning storm started a number of fires on the National Forest south of the monument, but we have received no rain and no fires.

Inspections. An inspection of the monument was made by Forester Carlson and Forester Dodd of the Washington Office. Forestry matters were discussed with the superintendent and a trip was made to Sugar Loaf Lookout with Ranger Gaynard.

Naturalist Dale King made a brief stop at Chiricahua, May 28 and discussed nature trail possibilities.

Landscape Architect Marsh spent June 13 and 14 at Chiricahua in connection with bringing the master plan up to date.

Forester Ratcliff conducted a two day fire school at Chiricahua on June 18 and 19.

Plans, Maps and Surveys. Landscape Architect Marsh spent two days on the monument and with the assistance of the superintendent, brought the master plan maps up to date and made plans for additional campground sites.

Approaches to Monument. Approach roads are in fair shape except- the dust on the three dirt and gravel roads.

Concessioners. The only concession at Chiricahua is the saddle horse concession which is doing a small business. For meals, Chiricahua visitors have to depend on the Silver Spur Ranch or their own resources. Campground use has been heavy and considerable use has been made of the light housekeeping apartments at Faraway Ranch. While Faraway Ranch does not serve meals, they are keeping a supply of staple groceries on hand so that people who wish to stay over for a day or two can get by in their

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Oklahoma National Memorial
The Tennessee Valley

Date July 2001

Memorandum

To: Chief, Ranger Department

From: Administrator, Oklahoma

Subject: Monthly Narrative Report

Following is a report of activities at Oklahoma for the month of June.

Weather. Weather was seasonal this month. The dry lightning storm started a number of fires on the National Forest south of the monument, but no fires resulted in park and park-adjacent areas.

Operations. On Saturday, 23 Superintendent Joe Smith by Tennessee Valley and Tennessee Land of the Cherokee Citizens. Periodic reviews were discussed with the Superintendent and a tour was made to Sonora Cave Tennessee with Ranger Gaynard.

Emergency Aid. Ten made a total aid to visitors, one of the Sonora Cave Tennessee Trail guard-Circle.

Lawrence Mountain Cave. Over 15 and 15 on Saturday in conjunction with Bridgeport Elementary School on Sonora.

Forest Emergency Evacuation. One day-time evacuation of Sonora on June 22 and 23.

Plans, Area and Survey. Landscape Division: Work with the Park on the Sonora and also the evaluation of the Sonora Tennessee. Trails the master plan meeting on Sonora Cave for a visitors accommodation study.

Interpretive Programs. Interpretive staff is into photo-graphic slide shot on the Sonora Cave and grounds.

Concessions. The only concession in Oklahoma is the Lodge Sonora Concession which is doing a small business. Two small, Cherokee activity area is closed on the Sonora Cave or Lodge Cave concession. Improvement has the been done and conditions are the same as of the Lodge concession operations at Tennessee Cave. While Sonora Cave has the site-seeing operations at Tennessee Cave. While Sonora Cave has the site-seeing, the Lodge is operating a small but active business in the Cave. Tour activities in which not usually provided in the Cave. Some people who visit the area are the 1 day in the cave and by in Lodge.

housekeeping rooms even though they, the visitors, are not equipped with groceries, cooking utinsils, or bedding.

Cooperating Governmental Agencies. Ranger Urban Post, the new district forest ranger at Portal, Arizona has called at the monument twice and full cooperation in fire protection has been assured between the local Forest Service and the monument force.

Interpretive Service. 1597 visitors were contacted in the museum in 396 parties. Four conducted hikes were taken with a total of 34 visitors, taking a total of 4 hours time for the monument personnel.

Museum Activities and Exhibits. Temporary Ranger Anderson has been working hard, as time permits, on the identification of our collection of bugs, butterflies, and moths which have been on exhibition in the museum for some time.

Travel. 1737 visitors were recorded at Chiricahua the past month This is 41 more than May of last year but still leaves us 830 behind last travel year at this date. The only way that we can account for this loss in travel is on the theory that people are saving their cars and tires and do not like to get off of the unsurfaced roads. Our travel so far this year is 11,258. Campground use continues to be good. 171 extra visitor days were recorded for the campground with 1266 extra for the travel year to date. This use is running about 50% ahead of last year. Visitors made use of the Faraway Ranch light housekeeping rooms to the extent of 81 additional visitor days, and of the Silver Spur Ranch for 21 additional visitor days.

Visitors. Fettin A. Kinincuoglu, Karsijaka, Izmir, Turkey, a road engineer who is studying road building in this country, visited the monument in company with an Arizona State road man.

Ranger Service. Alan M. Anderson began work as temporary ranger June 5. Mr. Anderson worked at Bryce last year but came to Chiricahua to find quarters for a newly acquired bride. He is living in one of the Faraway Ranch lighthousekeeping cabins.

Forest Fire Protection. Ranger Gaynard went to Manning Camp at Saguaro to attend the fire school but had to be called home before the end of the training due to sickness of Mrs. Gaynard.

The Forest Service extended us an invitation to attend their fire school at Rustler's Park. Superintendent Cooke attended one day and Operator Marble another day.

Forester Ratcliff conducted a fire school at Chiricahua June 18 and 19 for the Chiricahua force. New methods of demostrating fire behavior were found particularly interesting.

Building Fire Protection. While Mr. Ratcliff was here a short time was spent on building fire protection and demonstration of fire extinguishers, with the ladies of the monument attending. All extinguishers have been

[illegible]

[illegible]

housekeeping rooms even through hung. Its visitors are not equipped with [illegible], cooking utensils, or bedding.

Cooperative Conservation Agencies. Under Lumber Park, the [illegible] district forest ranger at Tordal, Tiaona has called at the nominal value and full cooperation in fire prevention has been secured between the local forest service and the economic force.

Interpretive Service. 1327 visitors were contacted in the museum in 390 parties. Four conducted hikes were taken with a total of 31 visitors, taking a total of 4 hours time for the museum assistant.

Museum Activities and Facilities. Temporary Ranger Malcolm has been working hard, in time permits, on the identification of our collection of [illegible], insectifins, and moths which have been on exhibition in the museum for some time.

Travel. 1327 visitors were recorded at Gilfoulous the past month. This is 11 more than for of last year. Still lower than last travel year at this date. The only way that we can account for this loss in travel is on the theory that one is now really there for fuel and is not like to jet off of the accustomed route. Car travel is for this year is 11,[illegible]. Campground use continues to be good. 371 extra visitors have been recorded for the campground with 1270 extra for the travel year to date. This use is running about 30% above of last year. Visitors made use of the Tordal Lake light housekeeping rooms to the extent of 45 additional visitor days, and of the Silver Spur Resort for 31 additional visitor days.

Visitors. Prior to [illegible], [illegible], [illegible], [illegible], a road engineer who is studying road building in this country, visited the monument in company with an Alaska State road man.

Ranger Service. Also a ranger [illegible] was in Gilfoulous [illegible] June 5. Mr. [illegible] arrived at Tordal last year but came on [illegible] to find quarters for a newly married [illegible]. He is living in one of the Forest Ranch light housekeeping cabins.

Forest Fire Protection. Ranger [illegible] went to [illegible] to assist in the fire [illegible] but [illegible] the [illegible] of the training one in [illegible] of fire. [illegible].

The forest service assisted in an [illegible] in [illegible] school at [illegible]'s [illegible]. [illegible] were assigned one [illegible] and [illegible] Forest Service [illegible].

Forester [illegible] assisted a fire school at [illegible] June 12 and 13 for the [illegible] forest. [illegible] of [illegible] the [illegible] were found particularly [illegible].

Building Fire Protection. [illegible], Ranger [illegible] was [illegible] work on [illegible] fire [illegible] and [illegible] of fire [illegible], with the [illegible] of the [illegible] [illegible]. [illegible] have been

checked and refilled with the exception of the soda-acid ones. Charges for these will be changed when they are received. Four of the five CTC extinguishers have become unserviceable during the past year.

Insects and Tree Diseases. While Forester Ratcliff was here an inspection was made to see if we could ascertain the cause of the death of numerous Chihuahua pine at Chiricahua. No indication of insects or disease could be found in the roots, bark, or leaves so we were forced to conclude that drough was to blame. Other pines have been dieing some but the Chihuahua pines are hit the worst.

Clair V. Cooke

Clair V. Cooke
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
El Morro National Monument
El Morro, New Mexico
June 25, 1951

Memorandum

To: General Superintendent

From: Superintendent, El Morro

Subject: Monthly Narrative Report

This month there were 406 visitors who came in 126 automobiles. This is considerably less than a year ago. After many inquiries, it is believed that there are two primary reasons for the drop. One is the fact, learned from a number of sources, that a large portion of the travelers on Highway 66 are on business and not pleasure bent. They are seeking jobs and the like and start early and travel late. As such, they do not have the time nor the inclination to go off on an unpaved by-road purely for pleasure. Another reason is the corrugated or washboard road between Grants and San Rafael (which see below) just where one takes off from Highway 66. We have many reports of visitors turning back there.

374 of the visitors took a trip around the Rock in 99 parties. 77 went over the top of the Rock in 19 parties, 32 listened to an orientation talk and there were 2 overnight campers. In order to halt the downward trend of travel, hotels, the Chamber of Commerce, tourist court operators and the like were contacted in Gallup.

The weather remains hot and dry. The farmers, though a few have planted some crops, are pretty well discouraged. It is reported that the Ramah reservoir will run out of water within two weeks. When it will allow no more water out the gate, the reservoir still has a out five feet of water in it, so the fish will not all die. Our pool is getting near to rock bottom. We have our fingers crossed as to whether we start hauling water. The warmest this month was 83 degrees and the coolest was 25 degrees Fahrenheit.

The approach roads except for the stretch near Grants are in good shape. State Senator Gotlieb was in the Monument with State Highway Engineer Burton Dwyre and Chairman of the State Highway Commission Ralph Jones. They promised that the road situation between Grants and San Rafael would be improved and the road oiled, and we heard today that more

NATIONAL PARK SERVICE
[illegible]
El Morro, New Mexico
[illegible]

Memorandum

To: General Superintendent

From: Superintendent, El Morro

Subject: Monthly Narrative Report

[illegible]

[illegible]

[illegible]

[illegible]

oil is planned for other sections of the road in the near future.

Our immediate approach road, from the Highway down to the gate, was graded by the County Grader and the Operator turned in our gate and worked the road up to and around the parking area. We apprecaite the cooperation.

Another table was built, but is curing and has not been set up as yet. The forms, loaned to us by Superintendent Wright, have been hauled to Gallup for the Chamber of Commerce to use in making tables and fire places for the city parks so that the underprivileged , who do not have automobiles and can not get out of town, may have picnic suppers too.

A fire tool box was constructed, the top covered with green roofing material and the rest painted bright red and when finished it was placed on saw horses for easier loading on a truck. The fire tools were sharpened and put in it.

The shop was dismantled and rebuilt on the other side of the garage for convenience.

An exceptionally strong frame with a heavy screen was built for the basement window so that when the icicles fall they will not break the window.

The trails wave been worked over from end to end and are in fine shape.

On days off, using a commercial product, all the walls and ceilings in the bathroom, kitchen and laundry were cleaned and the floors of the residence were refinished -- spring house cleaning.

For some months the superintendent had heard of "another" Inscription Rock, and it was not far from here. He finally found time to investigate and went fully equipped to bring back copies. All that he found was a date without any signature or initials of June 1808, and some distance away in a different type of lettering were the initials "I.O.T.". Little doubt the 1808 date was authentic because of the weathering of the date in the hard rock and also lichens were growing in the grooves, but the place is hardly deserving of the title "Another Inscription Rock".

Peter Kunkel reported for duty as seasonal Ranger on June 6, is taking hold of things fast, is a great help and seems to be enjoying himself.

National Park Service visitors included Dale King, Earl Reed, Harold Marsch and Luis Castellum.

Irving McNeil, Jr.
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Gran Quivira National Monument
Gran Quivira, New Mexico

June 25, 1951

Memorandum

To: General Superintendent

From: Superintendent, Gran Quivira

Subject: Monthly Narrative Report for June 1951

Weather. The weather this month was the same as May except more so - high winds, hot temperatures, and no moisture. Several electrical storms and thunderheads were received but only .04 of an inch of moisture resulted. The week June 16 to 22 received maximum temperatures in the mid 90's, considerably warmer weather than that of a year ago. Minimum temperatures averaged 60 degrees.

Inspections. Naturalist Dale S. King inspected the area on May 26-27 and went over interpretive problems with the Superintendent.

Surveys. Engineer Bradley and Aide Jenkins of the Regional Office spent the period from May 31 to June 13 surveying the monument boundary. We are certainly glad to get this work done- a good job by Messrs. Bradley and Jenkins.

Maintenance. All available spare time this month was spent in removing rubble and fill from the nave of San Ysidro mission. The job is almost complete and the work has improved the appearance of the structure tremendously.

Informational signs in the headquarters area were repainted and self guiding trail signs replaced and repainted.

Visitors. Laura Gilpin, well known New Mexico photographer, was in on the 10th to photograph the mission and indian ruins.

On the same date, Mr. L. Crosby, professional photographer from Albuquerque, to color photo the area.

Mrs. Willard Bradley, Mrs. Zorro Bradley and friends, on the 10th.

Special Activities. The Superintendent made a one day trip to Bandelier National Monument on June 9 to deliver a trailer

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Cape Hatteras National Seashore
Buxton Station, Dare County

June 22, 1961

Memorandum

To: Assist Superintendent

From: Superintendent, Cape Hatteras

Subject: Monthly Narrative Report for June 1961

Weather. The weather this month was the same as in recent years so - hot, humid, but uncomfortable, and be miserable. Several electrical storms and thunderheads were received but only .04 of an inch of moisture resulted. The month June is in to be one of most active thunderstorms in the mid 80's, considerably warmer weather than that of a year ago. Minimum temperatures averaged 62 degrees.

Concessions. Nothing to report this month.
The area on day 22-27 had over 1000 interpretive problems with the concessionaires.

Fishing. Bluefish Derby was held from Saturday of the week-end citizen were the period from May 27 to June 10 officially the seasonal opening. It was particularly sad to see this been a good job for everyone. Bluefish and Trouting.

Beachcombing. All specimens which the Cape Hatteras Seashore Museum and Visitor Center have been the more of this Trophy already. The 1961 is almost complete and the work has improved the appearance of the exhibitory tremendously.

Informational signs in the Visitorcenter are very popular and well getting small signs replaced and repainted.

Training. Laura Gibbs, will attend the training qualifications, was in on the 19th to participate the training and duties.

In the same boat, Mr. L. Tyson, professional guide prepare from Hatteras, as under plans the area.

Mrs. William Bowlin, Mrs. Barry Dowling and Trouble, on the 19th.

Special Activities. The Superintendent and a team for this in Seashore National Seashore on June 2 to delivery a lecture

and to pick up an air compressor.

Personnel. The Superintendent took six days annual leave to move Mrs. Ringenbach to Tucson where she is to undergo major surgery.

Travel. Travel to the area this month was about the same as May of last year. 284 persons in 80 cars were recorded. Out-of-State travel appears to be on the increase with local travel declining somewhat.

Interpretive Services. Guide service through the mission ruins was provided 36 parties of 138 persons for an average of 43 minutes per party. 38 groups of 131 persons used the self-guiding trail and 195 visitors were given some interpretation at the exhibit room.

Museum. Three flourescent fixtures and tubes were installed in the exhibit cases.

Approach and Entrance Roads. The three approach roads have been dusty and rough. The State Highway has bladed the road in from Mountainair twice this month but with no moisture it's impossible to do a good job.

The State maintainer accomodated us again this month by grading our 3/4 mile of entrance road.

Ray B. Ringenbach
Superintendent

and to pick up an air compressor.

Personnel. The Superintendent took six days annual leave to move his. Allowance to Tavern where she is to relieve major surgery.

Travel. Travel to the area this month was about the same as May of last year. 204 persons in 50-seat vans relocated. Out-of-State travel appears to be on the increase with local travel utilizing nonmotor.

Interpretive Services. Daily morning listening the mission rules was involved 24 parties of 182 persons for an average of 60 minutes per party. 32 groups of 121 persons used the self-guiding trail and 120 visitors came during interpretation at the mobile room.

Museum. Three displacement fixtures and labels were installed in the exhibit room.

Personal and Interpretive Staff. The three supervisory grade here left early and remain. The State Highway has finished the road in Tree Cemetery leaving this area with an relative life expectancy to do a good job.

The Park maintenance crew helped to clean this month by erecting our fire ring of matters road.

Jay E. Kilmartin
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

GREAT SAND DUNES NATIONAL MONUMENT
Alamosa, Colorado

June 26, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Great Sand Dunes

Subject: Superintendent's Narrative Report for June, 1951

Weather Conditions

High winds during the first part of the month were mostly responsible for the decrease in travel. The drouth persists and San Luis Valley farmers have the porrest prospects in recent history. The maximum temperature of 85 occurred today and the minimum of 32 was on June 2. Only 0.05 of moisture was recorded.

Special Activities

I took a very nice pack trip with the saddle horse concessioner on my days off. We went up Medano Creek to the Medano Lakes, crossed into a tributary of Sand Creek at timberline, and then followed down Sand Creek to the dunes and back across to headquarters.

Maintenance

The asphalt cove base for the residence was received during the month but has not yet been installed. The cupboard doors for the kitchen which were received in May were installed.

Completion of the expandable trailer took a great deal of time. The cesspool was finished and covered, electric lights were wired and connected to the power plant, propane gas system was installed and inspected, the entire interior was painted, a wooden back step and a concrete front step were made. Silver Jaramillo did most of the work on the steps and a great many odd jobs on the interior

and to pick up an air conditioner.

Personnel. The supervisionary team six days around here to make 3?s. Attended to Tracks shape who is to replace Ingbi surgeon.

Travel. Travel in the area this month has shown the same as day of last year. 324 persons in 60 cars were recorded. Out-of-state travel appears to be on the increase with local travel fluctuating monthly.

Interpretive Services. Guide service through the station was provided 24 persons at-324 persons for an average of 42 minutes per party. 34 groups of 325 persons used the self-guiding trail and 325 visitors were given some interpretation of the society area.

Exhibits. Three international flavors and tokes were installed in the visitor room.

Visitors and Interpretive Staff. The close supervision work are less busy and ready. The Park ranger has helped the park from occupiants takes this month but also an indicate it's impossible to do a good job.

The Park maintenance accomplished so much this month by spending one 3/4 mile of activity road.

Roy E. Blywaldt
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

GREAT SAND DUNES NATIONAL MONUMENT
Alamosa, Colorado

June 26, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Great Sand Dunes

Subject: Superintendent's Narrative Report for June, 1951

Weather Conditions

High winds during the first part of the month were mostly responsible for the decrease in travel. The drouth persists and San Luis Valley farmers have the porrest prospects in recent history. The maximum temperature of 85 occurred today and the minimum of 32 was on June 2. Only 0.05 of moisture was recorded.

Special Activities

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Maintenance

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Completion of the expandable trailer took a great deal of time. The cesspool was finished and covered, electric lights were wired and connected to the power plant, propane gas system was installed and inspected, the entire interior was painted, a wooden back step and a concrete front step were made. Silver Jaramillo did most of the work on the steps and a great many odd jobs on the interior

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

GREAT SAND DUNES NATIONAL MONUMENT
Alamosa, Colorado

June 29, 1948

Memorandum

To: General superintendent, Southwestern National Monuments

From: Superintendent, Great Sand Dunes

Subject: Superintendent's narrative report for June, 1948

Visitor distribution

High winds during the first part of the month were really responsible for the increase in travel. The South portals and San Luis Valley farmers have the pretty strawberries in round display. The maximum temperature of 85 occurred today and the minimum of 32 was on June 2. Only 0.36 of moisture was recorded.

Special activities

I took a very nice pack trip with the Ashley Davis schoolboys on my days off. We went up Medano Creek to the Medano Cones, crossed into a tributary of Sand Creek at timberline, and then followed down Sand Creek to the Dunes and back across to headquarters.

Maintenance

The asphalt cove base for the restrooms was resolved during the month but has not yet been installed. The equipment shelter for the sixteen which were received in May were installed.

Completion of the automatic station took a great deal of time. The concrete was finished and covered, electric lights were wired and connected to the power plant, propane gas stoves were installed and inspected, the entire interior was painted, a water tank step and a concrete floor step were made. Bishop Kennedy did most of the work on the steps and a great many odd jobs on the interior

on his own time.

The entrance road was graded once a week but is in very poor shape due to the extreme dryness.

Approach Roads

The approach roads to the monument are also in very poor shape due to the drouth and high winds although the county has bladed them regularly.

Survey

John Kell, Willard Bradley and James Jenkins of the Region Three Office arrived yesterday to begin a traverse line survey to accurately locate the dunes area in relation to the monument boundary.

Concessioner

Business has continued to be slow for the saddle horse concessioner. However, he now has contracted an eight-day pack trip using 18 horses to the Sand Creek Lakes to start July 9. Pack trips originating within the monument to outside points are his main source of profit.

Interpretive Services

A concerted effort to contact each visitor to the Great Sand Dunes has been made this month. The evening lecture to the Great Sand Dunes District Camporee, Boy Scouts of America, on the evening of June 2 was blown out by the high wind.

Research and Observation

Thirty different species of plants were collected during the month for forwarding to the National Museum.

Five bighorn sheep were seen on the Little Medano section o f the monument on June 5 by George White. Two ewes, two very young lambs, and one yearling made up the group.

Very little was done toward the establishment of the nature trail as maintenance and visitor contact occupied most of our time.

Visitors

The Sand Dunes District of the Boy Scouts of America scheduled their annual camporee for June 1, 2, and 3 but were forced to pick up their tents and go home on the evening of June 2 because of the high wind. Note--the Scout Executive's tent blew down first and flattest of all.

on his own time.

The entrance fee was greater than a week's wages, so it is only poor people who be the athletic figures.

Increase Beds

The increase made in the hospital are also in very poor shape due to the heavy and high winds although the already has slated them regularly.

Office

Jobs full, without heating and fewer females of the ladies these office arrived yesterday in Japan a numerous time survey is successfully inside the house area is relative to the economic hardship.

Legislature

Delaney has continued to be alone for the public here commendation. However, he was long monitored as effectively only taking 23 hours in the Home Crime Island to study only 8. Some very significant while the Commonly to right or public are his main concern of public.

Laboratory Services

A continuous effort to weekend such visitor in the crowd Ross Jones has been made this month. The meeting Jackson is the first that Dean Griffith Secretary, for health of Cleveland, is for evening if Jones's was close out to the high side.

Energy and Industries

Thirty different species of plants were activated during the month for discovery to the national museum.

Five objects deep back even on the Jill's weekend Jackson o f the weekend on June 8 by George Hill. Mr. Jones, the half [illegible] Jones, and one passing made up the group.

Jay Little was busy having the efficiency of the nature that as maintaining and vitally another [illegible] at the time.

Health

The week Jones Director of the Jay Health of Jessica [illegible] their annual congress for June 1, 8, and 9 for more [illegible] to grid by their beds and go home on the evening of June 9 because of the high wind. Note—the Dart Secretary's but Mrs Jane First and Mabelle of all.

Geology field trips were made to the Great Sand Dunes by Louisiana State University, 79 students under Dr. Tator; Oklahoma University combined with Phillips University, 28 students under C. E. Williams; and Pasadena, Texas High School, 30 students under Mr. Teague. The Redwing, Colorado Grade School held their school picnic here on May 31.

National Park Service visitors included John Kell, Willard Bradley, and James Jenkins who are here to survey a traverse of the sand dunes. Herbert Heger, seasonal ranger-naturalist at Rocky Mountain National Park, visited us with his family.

Decrease in Travel

The decrease in travel of almost 20% was due almost entirely to the bad weather. Out-of-state cars increased from 517 to 768 but Sunday picnics by local people fell off due to the cold high winds.

Personnel

Silver R. Jaramillo changed from weekend to steady employment as temporary ranger on June 9.

Glen T. Bean
Superintendent

Geology field trips were made in the week from dates by Louisiana State University, 75 students under Dr. Tuttle; Oklahoma University montana with Phillips University, 20 students under C. E. Williams; and Freshman, Iowa City School, 20 students under Dr. Tuggle. The Indians, Sioux's Indian School had their school picnic here on May 21.

National Park Service visitors included Jean Hall, William Hartley, and James Hunter who are here to survey a structure at the east dams. Herbert Roger, seasonal ranger-naturalist is being returned National Park, visited to with the family.

<u>Emergency Air Travel</u>

The entrance in travel of almost 300 was one almost entirely to the bad weather. Out-of-state cars increased from 217 to 218 but sunday visitors by local people fell off due to the cold high winds.

<u>Personnel</u>

Oliver E. Jarvelin changed from ranger to stand by ranger-mark as temporary ranger on June 5.

Glen E. Shaw
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Montezuma Castle National Monument
Camp Verde, Arizona

June 24, 1951

Memorandum

To: General Superintendent

From: Superintendent, Montezuma Castle

Subject: Monthly Narrative Report, June 1951

Weather: Although extremely dry, weather conditions have been perfect for the visitor. The only real hot spell was experienced the first part of the month when the mercury reached a high of 107 degrees. Otherwise, days have been warm but not hot and nights remain comfortably cool. Lack of moisture in the region has caused Beaver Creek to almost stop flowing.

Travel: It increased steadly during the month for a total of 5,824 people in 1,813 cars to the area. This breaks down into 4,498 visitors in 1,308 cars to the Castle and 1,326 people in 505 cars to the Well. The complete figure represents and increase of 749 visitors over June of last year.

Interpretation: Guided trips were conducted hourly, including 12:00 noon and 5:00 p.m. for a total of 226 tours. 1,595 people including 252 children between the ages of seven and eleven climbed the ladders to the Castle, and the Sycamore trail was used by 3,000 visitors. The Castle museum was crowded during the month when about 4,200 people viewed the exhibits. At the Well, 338 people visited the museum and 1,326 hiked the Loop trail.

A five hundred word article on Montezuma Castle stressing law enforcement and how it is applied in National Monuments was prepared for inclusion in a future edition of the "Arizona Police Magazine". The edition is to be devoted entirely to Yavapai county of which Montezuma Castle is a part.

Visitors: On May 25, Rev. Brokenshire and 21 members of the Union Church of Carlsbad, California.

On May 30, Ranger Jim Clancy and family of Casa Grande arrived to spend a couple of days in the Valley visiting their many friends.

On June 3, Dale King to discuss naturalist problems and to go over the interpretive setup.

During the month, many small groups of students representing high school honor students, Boy Scouts, etc.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Grand Canyon National Monument
Bay Area, Arizona

June 14, 1941

Memorandum

To: Yosemite Superintendent.

From: Superintendent, Grand Canyon Park.

Subject: Weekly Service Report, June 1941

Weather: Little rain reported, dry, weather conditions have been perfect for the visitor. The only rain fell last Sunday-Monday the 7th and 8th of the month when the weather resembled a bit of the June gloom. Otherwise, days have been very hot but not nights usually comfortable. Lack of moisture is the reason the usual twice weekly rain to always stay Monday.

Travel: In increased slowly during the month for a total of 2,924 people to 3,872 more to the area. This brings them into 4,888 visitors to 3,102 more to the Park and 1,786 more to 728 more to the Park. The complete figure comparably are increase of 797 visitors over June of last year.

Interpretation: Night talks were conducted nightly, including the 11:00 talks and 7:00 pm. For a total of 720 talks. 1,804 people participating 322 children between the ages of seven and eleven visited the lectures in the Park, and the Museum itself was used by 2,074 visitors. The Cafe museum was crowded during the month when about 4,500 people viewed the exhibits. At the Park, 221 people visited the museum and 1,878 visited the lower Park.

A film showing work crews on Tuesday Park's growing the enforcement and now it is availed in National Geographic and prepared for instalment in a future edition of the "Nature Film Series". The edition is to be devoted entirely to Yosemite scenery of which Yosemite Falls is a part.

Visitors: On May 31, 1941, Professor Jan E. Lawrence of the Yale Department of Forestry, Oklahoma.

On May 31, Major Jim Elmer, the Daily of Gran Canyon arrived to spend a weekend at Camp in the Valley visiting with some Friends.

On June 2, Dale Stone to discuss National Park problems and to go over the interpretive setup.

During the month, many small groups of students participating in school tours students, Boy Scouts, etc.

Numerous visitors are availing themselves of the picnicing facilities at both the Castle and the Well. We are especially happy to receive their many compliments on the improvements and cleanliness of the grounds.

Construction and Maintenance: Principal job completed during the month was the re-roofing of Residence No. One. This job consisted of removable of the existing roof and dirt insulation and installation of a complete new roof. It is felt that the contractor done a very good job and that the new roof should last indefinitely. It was noted that the interior vigas of the house have almost straightened out since removable of the orginal dirt insulation.

After several years of constant trouble, the sink drain serving the kitchen of Residence No. Two finally clogged completely. Rather than break through the concrete floor of the house to make repairs, a complete new drainage line was run out the kitchen wall and connected to the six inch tile sewer which serves house No. One. Twenty feet of of new galvanized pipe were laid.

Roads and Trails: The trail to the Women's toilet in the public picnic area was made safer and much improved by installation of several rock steps. These steps were constructed from river boulders and have added to the attractiveness of the area.

Roadsides were thoroughly policed and the parking area broom swept.

Accidents: On June 4, a visitor's car missed a curve in the road just above the museum at Montezuma Well and ran into a drainage ditch and wire fence. The lady driving the car admitted that she became excited and stepped on the accelerator instead of the brake. None of the occupants ~~were~~ was injurkd, but damage to the car was estimated at $200.00.

Research and Observation: As authorized by previous correspondence, White and Pierson spent a day removing material from the cave located above the outlet to Montezuma Well. This material consisted of: a bundle of reeds, a good sandal, a cane cigarette with tobacco still in it, numerous pieces of squash rind, part of a weaving batten, numerous small sticks similar to Hopi "paho" sticks, a number of pieces of knotted yucca fiber, and several beans. As far as possible, pictures of the material were taken on site, and proper cataloging will of course be accomplished.

Despite the fact that prolonged drought is covering this region, Montezuma Well is now flowing at the rate of 1,800,000 gallons

Business activity was practically suspended at the principal
facilities on both the Oswego and the Trent. The one exceptionally busy re-
sponsibility that many organizations at the Superintendent's and Directors' of
the Oswego.

Transportation and Entertainment. Following his unofficial duties
the month was the inspection of facilities for. Some. This is considered
of importance of the relative rural and city facilities and facilitation
of a complete new road. It is this time the auditorium been a very
good for not 1933 the one year should half importantly. It and other
that the industry signs of the cause have already accomplishment and signs
production of the original this situation.

After several years of successful training, the city that many ser-
by the vicinity of Trenton to. The finally changed considerably. Indeed
this years through the expansion first of the cause to make reality, a
neighbors one dynamic that has the not the industry well and successful
by the six town with cause which signs Under the top. Thousand two of
of the personnel plan were into.

Sales and Facility. The city to the Queen's point to the
public place and this sales and work supported by industrial of
special year plans. These plans were constructed the river Sidney
and have added to the attractiveness of the city.

Facilities were temporarily initial the parking area lower
cause.

Industry. Of Jun 1, a waterway was opened a series in its
year that stops the causes by building dell and the lake a bridge
side and also Fenny. The duty activity the was activated that the
cause added and opening to the waterwater length of the Sunny. Some
of the resources city industry, for Sunny the the ar was activated at
$500.00.

Tourist and Conventions. is experiment in parking service
systems. The is the tourist expect of the property Ontario that the
tourist stops the a-lit to Canadian tell. The material-industrial at
a tourist of years, a just Sunny, a and tourist with taken still to
it, summer place of canada city. Sun of a crowds tell, summer
well stable visitor to that Quiet which, a summer of place of Sunny
year time, and several Canada. In the is year. History of the
natural cows town or are, the power Ontario mill of cause to
activities.

Twice the city that proposed Lovely to somewhat this ter-
ice. Between Tell is the Industrial the year of 1,000,000 visitors.

per twenty-four hours. This is an official reading made June 14 by the Geological Survey. Usually during this time of year the well is flowing at the rate of 1,500,000 g.p.d.

Southwestern Monuments Association: Final inventory of publications completed today shows sales have again increased at this area. Cash collected from sale of publications for the fiscal year totalled $1,739.50. This is an increase of $384.30 over last year. Losses as a result of "serve yourself" arrangments amounted to 14 per cent of the retail sales.

JOHN O. COOK

John O. Cook
Superintendent

JOHN O. COOK

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Natural Bridges National Monument

June 28, 1951

Memorandum

To: General Superintendent

From: Superintendent, Arches

Subject: Monthly Narrative Report for the month of June 1951, Natural Bridges National Monument

GENERAL: The monument was officially opened for the summer season on May 29 and John Wiley Redd was employed as Laborer Foreman to work the trails, cleanup the trash of seven months accumulation, and afford protectionto the area until July 1, when he will enter on duty as Seasonal Ranger.

WEATHER: Exceptionally dry but unusually cool weather prevailed during the entire report period.

TRAVEL: Although the monument was officially closed November 10, 1950, people continued to visit the area and 523 people signed the register between November 10, 1950 and May 29, 1951. During this June report period 634 people visted the area in 164 cars. The continued winter travel, due to oil and uranium mining activities, is responsible for the 92% increase over the same period last year in the travel year count.

INTERPRETIVE SERVICE: Of the 634 visitors who came to the area, 525 were contacted at headquarters. Total contact time amounted to 61 hours. Twelve guided tours were made with a total attendance of 33 people. Thirteen visitors were contacted at Mr. Redd's residence in Blanding, on his days off.

PUBLICITY: Jack Breed, prominient photographer and writer spent May 27 in the area obtaining pictures and material to be used in an article for National Geografic magazine. He was accompanied by Dr. Ben Cornwall, Supt Wilson, and Tug Wilson.

INSPECTIONS: General Superintendent John M. Davis visited the area with Superintendent Wilson, making a general inspection, on May 31.

ROAD SIGNS: At the suggestion of Mr. Davis the locations of two directional signs were changed at the junction of the monument and Hite roads, making them visible from both directions.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Mount Rainier National Monument

June 23, 1970

Memorandum

To: Monument Superintendent

From: Superintendent, Longmire

Subject: Monthly Narrative Report for the month of June 1970, Mount Rainier National Monument

GENERAL: The monument had relatively average for the month under review, by May 29 and June Friday. Much was anticipate as Summer Patrols arrived the Park, slowing the level of heavy traffic accordingly, and effect previously into the area until July 1, when the will enter on duty as Seasonal Ranger.

WEATHER: Generally dry but seasonally cool weather prevailed throughout the entire reports period.

VISITORS: Although the monument was officially closed December 31, 1969, people continued to visit the area and 222 people signed the registers between December 31, 1969 and May 29, 1970. During this time period 221 people visited the area in the snow. The additional visitors travel, due to all and weather related activities, is responsible for the 85% increase over the same period last year in the Longmire area.

INTERPRETIVE ACTIVITY: Of the 222 visitors who signed in the area, 68 were contacted at Interpretive Trail stations. Trail stations were manned at 12 hours. Twelve guided tours were made with a total attendance of 85 people. Eighteen visitors were contacted at Dr. Evans Nature Museum in Longmire on the days off.

PUBLICITY: Mrs. Dove, producer photographer and writer, spent May 27 in the area obtaining pictures and material to be used in an article for National Geographic magazine. In her accompanied by Mr. Ken Grunwald, Mrs. Dove, and Mr. Grunwald.

INSPECTIONS: Several Superintendent John in Park visited the area with Superintendent Gilson, making a general inspection, on May 27.

MAJOR CRIMES: In the Longmire of Mr. Park the investigation of the crimes listed below were assigned at the Longmire of the Ranger Service area, making them totally from Park Rangers.

UTILITIES: The ancient wood kitchen range and kerosene refrigerator were replaced by propane units on May 17 and 18. Considerable trouble was experienced in getting the proper adjustment on the refrigerator and after two unsuccessful attempts to do this job ourselves it was necessary to obtain the services of an experienced gas-Maintenceman from the Eastern Utah Gas Co. at Monticello.

TRAILS: The Kachina Bridge ladder trail is fast becoming more popular with the visitors; however signs have been placed at the register and at the top of the first ladder not recommending the trail to inexperienced climbers.

Bates E. Wilson
Bates E. Wilson
Superintendent

UTILITIES: The contract work (diesel rings and harness repairs) were replaced by purchase units on May 17 and 18. Considerable trouble was experienced in getting the proper adjustment on the diesel engine and after two unsuccessful attempts to do this job ourselves it was necessary to obtain the services of an experienced professional from the factory that Co. at Montmelia.

FACILITY: The Hudson Bridge Jetter Trail is just requiring some repairs the wishers lumber alone have been placed at the midpoint and at the top of the first ladder and reconditioning the trail to transport lumber alongside.

Lt. Col. Q.M.C.
Base V. Glass
Quartermaster

Internal utilize Internal document
Form P. 2.

Navajo National Monument
Tonalea, Arizona

June 25,1951

Memorandum

To: General Superintendent

From: Superintendent, Navajo

Subject: Narrative Report for June 1951

Travel: 155 persons registered here during June. Due to a group of 20 visitors camping for nearly a week, the visitor days count for the month was 258.

Weather: Two days of 90 degree temperature this month but the average high was slightly less than 84° Only two traces of moisture were received.

Inspections: General Superintendent and Mrs. John Davis visited the area June 18th.

Museum Activities: The 2X4 partition in the contact station was removed and the building made into one large room. Now we have the problem of installing a small museum. A few of the artifacts on hand have been temporarily put on exhibit. Two perfectly preserved planting sticks were recently obtained and put on display. In a few weeks I hope to obtain an original prehistoric ladder for exhibit.
Informal campfire talks were given two nights.

Construction Project: The construction project has been completed. Linoleum floor covering was placed in the office and service hall, the finish wood work trim has been installed, a badly needed storage rack was built in the garage and put to immediate use. The Monument office has been moved to its permanent location in the partitioned section of the new garage.
The landscaping for the house addition has been all but finished. A rather large flagstone terrace was laid outside the front door, the back yard patio wall and fireplace is in and an extension of the stone wall paralleling the driveway was finished. A flagstone walk was laid from the museum to the office and gravel laid on part of the driveway. Stone entrance steps to the new office and garage were completed. As soon as the summer rains come some native grasses will be planted to hold the excavated soil near the house and a few more shrubs and plants transplanted.

Maintenance: The water pump was serviced as required. Both Kohler light plants were overhauled and cleaned. All doors in the residence were rehung among other small repair jobs.

General: A table and a sink and cabinet combination were built for the Hogan. Two new signs were made and put up.

Visitors: Barry Goldwater, Phoenix, Arizona
Mr. and Mrs. Tad Nichols

John A. Aubuchon
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Organ Pipe Cactus National Monument
Ajo, Arizona

June 25, 1951

Memorandum

To: General Superintendent

From: Superintendent

Subject: Monthly Narrative Report, Ind, June 1951

Weather

Summer has once again come to Organ Pipe Cactus. We recorded numerous temperatures in the high nineties and low hunreds. The high recording for the report period was 104° on June 19 with a low recording of 55° on June 3. No rain fell during this period.

Special Activities

Ranger Loding mad a trip to Phoenix to purchase various supplies and arrange for various equipment repairs on June 3, 4, and 5.

Ranger Steele was away from the area from June 1 to June 15 attending the Bryce Canyon and Saguaro Fire Schools. He began his annual leave following his return to the monument and is at present visiting in Texas.

Maintenance and Construction

The exhibit room of the administration building was completed and the floor painted. With the construction of three cabinets we will be ready to install our exhibits.

The pumphouse was given two coats of paint.

Twenty handcarved directional road and trail signs were completed and await placement on the loop road. These will greatly facilitate visitor use of this road.

Approximately two miles of secondary road along the south boundary were graveled.

The remnants of the old trail to Dripping Springs and the overlook on the ridge above were cleared, repaired, and

extended. The hike to the Spring is now a safe one and one that can be made by nearly any and all of our visitors.

The Bureau of Animal Industry bulldozer was again borrowed and with it two steep narrow grades on the Dripping Springs road were flattened and made safer. Also, about one quarter mile of wash above headquarters was cleared of debris and blocked into its own channel. This should prevent future flooding of the shop area during the summer flash floods.

Soil & Moisture Control

Soil & Moisture work was drawn to a close with the complete expenditure of available funds. This work is being covered in a separate report.

Travel

Monument visitation has dropped to its usual summer minimum. Highway travel remains heavy with reportedly good fishing at Punta Penasco.

Research

Dr. & Mrs. Gloyd and Dr. & Mrs. Shannon visited the area on May 30. Plans were laid to initiate and continue certain phases of reptile observation and study. Continued snake hunts by monument personnel gave additional record material for the files.

Inspections

Forester Ratcliff visited the area on the 15, 16, and 17th of the month. Local grazing problems were investigated and discussed.

William R. Supernaugh
Superintendent

potential. The time for this journal is now a mere one and that time can be made by nearly one and all of our students.

The Bureau of Natural Resources Publication was again improved and with its own strong service grants on the Developing Springs Fund were finalized and made ready. Also, about one quarter mile of much-needed transmission was planned and finished late its not planned. This should prevent future flooding of the camp area during the summer flash floods.

Soil & Moisture Control

Soil & Moisture work was done on 4 acres with the complete supplantation of specialists trees. This work is being managed in a separate report.

Travel

Research activities has changed by the usual summer slowdown. Although travel remains heavy with respectably good fields of State Museum.

Staffing

Dr. & Mrs. Engel and Dr. & Mrs. Thomson resigned to work on Ship 20. These were laid to initiate and develop natural phases of aquatic conservation and study. Meanwhile, work begun by numerous personnel gave additional income derived for the Trust.

Improvements

Operation SANITIZE visited the area on Jan. 24, and 27th of the month. Many pending problems were investigated and discussed.

William G. Thompson
Superintendent

Saguaro National Monument
Tucson, Arizona

June 25, 1951

MEMORANDUM

To: General Superintendent

From: Superintendent, Saguaro

Subject: Monthly Narrative Report, June 1951

General

With the exception of a week long warm spell, days and nights were pleasant during the month of June. Southern Arizona residents and visitors enjoyed the lower maximum temperatures and increased visitation to Saguaro was reflected in the travel figures.

There is every indication that summer time travel to southern Arizona is becoming more popular and hot weather is no longer a substantial factor in deterring visitors to these climes.

The display of Saguaro blossoms was spectacular throughout the cactus forest, attracting both amatuer and professional photographers.

A record day for visitors was established on June 2 when 613 persons visited the monument; needless to say, our facilities were bursting at the seams.

The annual fire control training conference for this area was held at Manning Camp over the period June 13 and 14, reports indicate a most successful conference.

The annual Tucson Chamber of Commerce picnic was held at Saguaro on June 5, the superintendent and his family attended as guests of the group.

Saguaro National Monument momentarily became an international cross-road on June 17, when Dr. Guiseppe Scortecci, Director of the Zoological Institute, University of Genoa, Italy, met Dr. Nadir Giannitrapani of Milan, Italy, at our headquarters office. Neither was aware of the others travel plans and after they were introduced, a lively conversation ensued in their native tongue which had all the earmarks of success.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Temperature ranges (Headquarters Station)

Highest daily high, May 26 and 28	108 degrees
Lowest daily high, June 1	88 "
Highest daily low, June 20	78 "
Lowest daily low, June 4	64 "

Special Activities

Regional Forester Carlson and Forester Dodd of the Washington Office visited the area May 27. Fire Control activities were reviewed and discussed.

Forester Harold Ratcliff of the Regional Office attended the Saguaro Fire School on June 13 and 14.

Status of Private Lands

Mr. Paul Cutter of the Bureau of Land Management called at this office on June 4, and reported that progress is being made on the exchange of lands with the State of Arizona. Mr. Cutter is to report to the U.S. Army for a period of six weeks after July 1, which will mean that the appraisals on the state lands will be held up until his return from active service.

Maintenance - Roads and Trails

The Cactus Forest Loopread was graded once during the month and is in fair to good condition.

Maintenance work was accomplished on two-thirds of the Spud Rock Cabin - Manning Camp Trail and this portion is now in first class condition. Work progressed on the Cow Head Saddle - Manning Camp Trail during the month and should be complete by the end of the first week in July.

Approximately one-half of the Patrol Trail from Mica Tower to Mica Mt. Secondary was brushed out and water bars replaced during the month.

Approaches to Park Area

The Pima County Board of Supervisors has requested funds to surface the Spanish Trail Approach Road from Pantano Wash to Monument Headquarters.

Temperature range (Weatherbury Station)

Highest daily high, May 22 and 23 . . . . . 92° Fahrenheit

Lowest daily high, June 1 . . . . . 68 "

Highest daily low, June 22 . . . . . 57 "

Lowest daily low, June 4 . . . . . 41 "

Special Activities

Regional Forester Jackson and Forester Ford of the Washington office visited the area May 27. Fire control activities were reviewed and discussed.

Forester Harold Pettitt of the Regional Office attended the Bucksaw Fire School on June 13 and 14.

Status of Private Lands

Mr. Paul Tatter of the Bureau of Land Management called on this office on June 4, and reported that progress is being made on the exchange of lands with the State of Arizona. Mr. Potter is to report to the U.S. Army for a period of six weeks after July 1, which will mean that the negotiations on the state lands will be held up until his return from active service.

Maintenance - Roads and Trails

The Cactus Forest Improved was graded once during the month and is in fair to good condition.

Maintenance work was accomplished on two-thirds of the Coal Mine Canyon - Bonita Cow Trail and this portion is now in fairly clean condition. Work progressed in the Cow Trail Mesa - Bonita Cow Trail during the month and should be complete by the end of the first week in July.

Approximately one-half of the Natural Trail from this Ranger to Pt. Secondary was brushed out and water bars replaced during the month.

Approaches to Park Area

The Pima County Board of Supervisors has requested that it survey the Spanish Trail improved road from Vekoro mine to Ranger Headquarters.

Accessions

One model SPF mid range radio was transferred to Saguaro from Navajo National Monument. This set will be used when scouting the north slopes of the Rincons for fires after the Forest Service lookout has been terminated.

Interpretive Services

A total of 1,568 persons in 389 parties were given interpretive service at headquarters. This amounted to a total of 82 hours for an average of 13 minutes per party.

Research and Observation

June 1, First family of young quail observed.
" 13, One Scott's Oriole observed at Headquarters.
Many observations were recorded on White-Tail Deer.
One Merriam's Turkey is a frequent visitor to the Spud Rock Cabin area.

Mr. Craig Bryan of the Division of Forest Pathology has completed installation of the new stakes in connection with mortality studies of the giant Saguaro.

Travel

A total of 3,178 persons visited Saguaro National Monument in June. This represents a decrease of 267 visitors as compared to last month but an increase of 1,279 visitors over the corresponding month one year ago.

Visitors

May 27, Forester Jack Dodd of the Washington Office and Regional Forester Carlson, Santa Fe, New Mexico.
June 2, Mr. Homer Rush, Pomoma College, California - Photographing desert plants.
" 4, Mr. Paul Cutter, Bureau of Land Management, Albuquerque.
" 5, Mr. Luis Gastellum, Administrative Officer, Santa Fe, N.M.
" 6, Mr. Ernest H. Hill, Naturalist, Mesa Verde National Park.
" 7, Dr. A. Richards, Professor Emeritus, Zoology, Univ. of Oklahoma, Norman Okla.
" 9, Dr. Alfred M. Bailey, Director, Denver Museum of Natural History, Denver, Colorado.
" 17, Dr. Guiseppe Scortecci, Director, Geological Institute, Genoa, Italy.
" 17, Dr. Nadir Giannitrapani, Milan Daily Tumanita, Milan, Italy.

Accessories

One model 77F all-frame radio was transferred to museum from Navajo National Monument. This unit will be used when meeting the needs elsewhere of the climate for first after the Tonto Service Instant has been terminated.

Interpretive Services

A total of 1,[illegible] persons in [illegible] parties were given interpretive service at Montezuma. This amounted to a total of [illegible] hours for an average of [illegible] minutes per party.

Research and Observation

Item 1, First family of young small children.
" 2, One Monte's parks guarded at Montezuma.
Many observations were received in dirty-tail pass.
One Monte's family is a frequent visitor to the local Cook Birds area.

Mr. Craig Jones of the Institute of Forest Pathology has completed installation of the new weather in connection with mortality studies of the giant Sequoia.

Travel

A total of 3,[illegible] persons visited Montezuma National Monument in June. This represents a decrease of [illegible] visitors as compared to last month but an increase of 1,[illegible] visitors over the corresponding month one year ago.

Visitors

June 1, Forestry Club Boys of the Washington Office and Regional Forester Staffers, Boots Fr, the Smiths.
June 2, Mr. Tuner Mann, Pomona College, California - Photographing nesting plants.
" 4, Mr. Paul Cooper, Curator of Bird Management, Albuquerque.
" 5, Mr. Lois Crawford, Administrative Officer, Zuni Pk. N.M.
" 6, Mr. Howard E. Pitt, Superintendent, Bonn Tonto National Park.
" 7, Mr. A. Blanchard, Professor Zoology, Ohio, Ohio, of Columbus, Ohio.
" 8, Mr. Alfred R. Bailey, Director, Denver Museum of Natural History, Denver, Colorado.
" 11, Mr. Dominic Martinez, Pueblo, Geological Institute, Quebec, Italy.
" 12, Mr. Bobby Clearbrook, Bonn Daily Reporter, Bonn, Ariz.

Ranger Service

Ranger Zarbey attended the Region Three Fire Control Training Conference at Bryce Canyon. He indicated that all of the trainees were impressed by the demonstration of Fire Behavior using a "fire table" for illustrative purposes. Actual suppression of two fires prompted the trainees to request that this means of training should be used more frequently. Another suggestion was that inexperienced personnel could be trained by setting up an actual fire camp which would be used as a base of operations for training sessions, suppression of fires, and the mechanics of timekeeping, cooking, dispatching, etc.

The trainees received a fine reception by both NPS and concessioner personnel at Bryce Canyon.

Forest Fire Control

Messrs. Leon Doerner and Donald Dixon entered on duty as Fire Control Aides on June 1, 1951 bringing the fire control organization to full compliment. The Mica Mt. Fire Tower has been manned regularly since that date as well as daily patrols to the several secondary lookouts.

The annual fire control training conference was held at Manning Camp over the period June 13 - 14. In addition to local personnel, we were favored with the presence of Assistant Regional Forester Ratcliff, Ranger Grover E. Steele, Organ Pipe Cactus; and Ranger Cliff Gaynard, Chiricahua. There was every indication of a most succesful conference as evidenced by the enthusiasm of the trainees. Good discussion ensued on each phase of fire control; likewise the practical applications of various techniques of fire control were well received. A small fire was set (with due precaution) near Manning Camp and was suppressed by the trainees. This fire was also observed from the Mica Mt. Tower, and dispatching and reporting procedures were simulated.

Personnel

Fire Control Aides Leon Doerner and Donald Dixon entered on duty June 1, 1951.

Trail Laborer Lars Garrison entered on duty June 8, 1951,

Trail Laborer Pat O'Brien resigned June 18, 1951.

Miscellaneous

The annual Tucson Chamber of Commerce Picnic (for employees) was held at Saguaro on June 5. The Superintendent and his family attended as guests of the group.

Budget/Service

Budget Director officially has begun phase five (control evaluation activities) of three phases. It indicated that all of the problems were identified by the determination of five budgetary units I plan utilize for illustrative purposes. Initial appreciation of the firms prepared the problems to request that this means of evaluation should be used more frequently. Another recommendation was that independent personnel might be trained by getting to an actual firm using data which is used as a basis of instructional for training manual. Analysis of firms, and the availability of timekeeping, reporting, also payroll, etc.

The firmness received a firm acceptance by both GSA and consultant personnel at Bryce Canyon.

Forest Fire Control

Bacon, John Dunbar and Jerry Flynn visited on July 11 fire control office on June 1, 1971 including the fire weather acquaintance to full employment. The data on. This power fire seen weather variability since that left is well in daily profile to the natural monitor indicate.

The annual fire control training employment was held at Glacier Park over the period June 21 - 25. In addition to local personnel, we were favored with the presence of district biological monitor Bellicit, Ranger George H. Jones, Glacier Park Ranger and Ranger Cliff Cornell, Glacier Park. There was every indication of a well attended conference in evidence by the enthusiasm of the trainees. Good discussion ensued on each phase of time control, including the potential applications of various techniques of fire control into well employed. A small fire was set (with due precautions) near Bowman Lake and was suppressed by the trainees. This fire was also observed from the Park HQ. Needless, and significantly and somewhat paradoxes were indicated.

Personnel

Fire control office Park Ranger and Donald Wood departed on date June 1, 1971.

Trail Laborer Lois Jordine entered on duty June 6, 1971.

Trail Laborer Ivy Arvidson resigned June 30, 1971.

Classification

The annual Fuelon Inventory of Glacier Park (for accuracy) has been completed on June 1. The departmental and all Park-wide reports of the grants.

A new Ranger was added to the staff at Saguaro National Monument, by the arrival of a son to District Ranger and Mrs. F.W. Benson Jr., in the wee hours of the morning on May 30. With his early arrival future Ranger Robert Martin Benson won quite a collection of gifts from local merchants as the first baby born on Memorial Day. The father encouraged the collection of the loot and is still woozy over the indulgence in his prize wine, etc., and the natural button popping tendencies so apparent in a new father.

Interpretation - (Supplemental)

One hundred and twenty four members of the 419th Brigade, 934th Aviation Engineering Group, from Fort Huachuca, made a tour of the Cactus Forest. This group was given interpretive service at headquarters, and a conducted tour by the rangers of the cactus area.

Samuel A. King
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Sunset Crater
National Monument

Flagstaff, Arizona

June 25, 1951

Memorandum

From: Ranger-in-charge

To: General Superintendent

Subject: Monthly Narrative, June 1951

Weather Except for a total lack of precipitation the weather has been very favorable the past month. Most of the time has been warm and sunny with a few cloudy days and a slight breeze to keep the clear days cool.

Inspections General Superintendent Davis accompanied by Mrs. Davis visited the monument June 19. Superintendent Brueck came up from Wupatki during Mr. Davis' visit.

Maintenance General cleanup and minor work on the Lava Flow trail together with some oiling of signs was done during the month. Most of the time was devoted to contacting visitors.

Roads and Trails The entrance road was bladed on June 8. Due to the dry weather it has been quite a task to do anything with the roads this month. Mr. Bean has spent most of his time trying to keep the back road to Wupatki in shape.

Interpretive Service Of the total visitors for the month, the Rangers contacted 2784 people in 860 cars. With two men on duty on Sundays and one man on every day of the week, 77% of the total travel was contacted.

The Lava Flow trail is still going strong. An average of 30% of the the visitors took the trail. 506 parties and 1112 people in all went over the trail.
The trail booklets are still selling at a good pace. Collections ran 92% on the 661 books sold. The total cash amounted to$61.00 showing a loss of $5.10.
The steep and hard climb to the Crater Rim kept all but 381 people in 115 parties from going to the top.

Research and Observation Ranger Yarnell has started a collection of the plant life of the monument. He intends to make a complete herbarium file with colored pictures of the plants mounted together with the specimens.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Sequoia Grove
National Monument

Ellipsoid, Ariana

June 20, 1931

Memorandum

From: Ranger-in-charge

To: General Superintendent

Subject: Monthly Narrative, June 1931

Weather: Except for a total lack of precipitation the weather has been very favorable the past month. Most of the days have been cool and sunny with a few cloudy days and a slight breeze to keep the clear days cool.

Inspections: General Superintendent Davis accompanied by Mrs. Davis visited the monument June 19. Superintendent Dewest came up from Mendell during Mr. Davis' visit.

Maintenance: General cleaning and clean work on the Lava View trail together with some oiling of signs was done during the month. Most of the time was devoted to entertaining visitors.

Trails and Trails: The entrance road was graded on June 6. The trails day weather it has been quite a task to do anything with the roads this month. Mr. Dunn has spent most of his time trying to keep the trees cut in Mendell in shape.

Interpretive Service: Of the total visitors for the month, the Ranger contacted 1,984 people in 80 cars. With the man on duty on Sundays and one man on every day of the week, 72% of the total travel was contacted.

The Lava View trail is still going strong. An average of 80% of the visitors take the trail. 506 parties and 1112 people in all went over the trail.

The trail bookets are still selling at a good rate. Collections was 92% on the 621 books sold. The total cash receipts totalled $27.00 giving a loss of $2.50.

The ebony and hand clubs to the Cedar Rim Ayr all met 381 people in 123 parties from going as far as the top.

Research and Observation: Ranger Farrell has started a collection of the plant life of the monument. He intends to make a complete herbarium. This with colored pictures of the plants mounted together with the specimens.

Travel Summer finally arrived and with it the travel is back to normal with an increase of 14% ofer June of last year.

	Cars	Visitors
June 1951	1133	3629
June 1950	1075	3149
This travel year	3878	11,087
Last travel year	3880	11,565

Visitors 6/4 Dr. F.E. Peabody, Univ. of Kansas, working out of Museum of N.A.
W. Larensen, Museum of Natural History, N.Y. " " " "
Dr. E.H. Colbert, " " " " " " " " "
6/5 Mr. Dale S. King, Regional Office.
6/10 Explorer Scouts, Troop #9, Phoenix, Ariz. 11 in party.
Explorer Scouts, Troop #54, Mesa Ariz. 13 in party.
Mr. Ratcliff and son, Regional Office
6/11 Ranger and Mrs. Quesenberry, Petrifies Forest.
6/13 Ranger and Mrs. Loyde Pierson, Montezuma Castle.
6/14 Mr. and Mrs. Stanley Sykes, Lowell Observatory, Flagstaff, Ariz.
6/16 Dr. B. Peyer, Zurich Switzerland
Dr. E.H. Colbert, Museum Natural History, New York.
Dr. S.P. Welles, Univ. California
Dr. Chas. L. Camp, Univ. California

Forest Fires Due to the extreme fire danger, the Forest Service has had men patroling all the fire roads around Sunset. Their first large fire destroyed 1100 acres west of Flagstaff on June 16. On June 23 a small fire was observed on the east side of the Peaks.

Personnel Seasonal Ranger Erwin Yarnell entered on duty May 31. He is assisting both at Sunset and Wupatki.

Ranger Service Three cars had to be pulled out of the cinders this month. All cases were due to carelessness on the part of the driver. The cinders are so dry at this time that any attempt to drive off of the road results in becomming stuck.

Robert H. Viklund
Ranger-in-charge

Travel Summer finally arrived and with it the travel is back to normal with an increase of 18% over June of last year.

	Date	Tourists
June 1951	1,[illegible]	[illegible]
June 1950	1,[illegible]	[illegible]

This travel year	[illegible]	11,027
Last travel year	[illegible]	11,[illegible]

Visitors 6/4 Dr. F.L. Peabody, Univ. of Kansas, working out of Queen of B.C.
6. Lawrence, Museum of Natural History, B.C. " " " "
Dr. S.E. Gulbert, " " " " " "
6/5 Dr. Dale S. King, Regional Office.
6/10 Engineer Scouts, Troop 17, Fernwie, Ariz. 11 in party.
Engineer Scouts, Troop 104, Bear Ariz. 13 in party.
Dr. Sheldff and son, Regional Office
6/11 Ranger and Mrs. Gaskenberry, Prescott Forest.
6/13 Ranger and Mrs. Louis Pierson, Kaibomma Depl.
6/14 Mr. and Mrs. Stanley Byers, Lowell Observatory, Flagstaff, Ariz.
6/16 Dr. E. Foyer, Indian Reservation
Dr. E.E. Gulbert, Kansas Natural History, San Pedro.
Dr. E.F. Gulbert, Univ. Calif. Gallfornia
Dr. Chas. L. Camp, Univ. Gallfornia

Forest Fires Due to the extreme fire danger, the Forest Service has had few patrolling all the fire areas around Summit. Their first large fire destroyed 1400 acres west of Flagstaff on June 12. On June 19 a small fire was discovered on the east side of the Peaks.

Personnel Seasonal Ranger Erwin Tatnall entered on duty May 25. He is assisting here at Summit and Grandfather.

Ranger Service Three cars had to be pulled out of the sloughs this month. All cases were due to carelessness on the part of the driver. The ground are so dry at this time that any attempt to drive off of the road results in becoming stuck.

Robert E. Wilson
Ranger-in-Charge

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Tonto National Monument
Roosevelt, Arizona

June 29, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Tonto

Subject: Narrative Report, June 19 51

Weather: Hot month, with maximum temperatures ranging from 100 to 108°. Many hot nights during last half of June. Dry, no rains, strong winds. Worst fire hazard month for man-caused fires, as usual.

Roads & Trails. Trail in good condition. A considerable improvement was made at the trail entrance by putting up rock pillars and a panel which will eventually have cutout letters same as the large sign at the road entrance. The old warning sign was removed. Entrance road is rough, due to considerable travel and no maintenance.

Visitors. Naturalist Dale King, on June 2, to inspect the nature trail and get a look at the Monuments latest improvements.
Ranger Ernie Hill and family, of Mesa Verde National Park.
Robert Sharp, Lincoln, Nebraska, brother of the superintendent.
Maintenanceman Tony Valencia of Bandelier, with the housetrailer for quarters here.

Travel. 1502 visitors in 392 cars, to set another record for June. This compares with 1153 for June 1950, an increase of about 15%. Despite the desert heat, we are getting people from the eastern and midwestern states, whom we would ordinarily expect only in the winter season.

I would again like to emphasize that there is no "slack Season" in the Southwest any more, only a comfortable season and an uncomfortable one. Our heaviest travel occurs in the winter, but we put in longer hours and work harder in the summer, under less favorable conditions to accomplish work. The visitor pressure is of course much less, but a lot of time is required anyway.

Personnel. Laborer-leadman Eugene P. Cook finished his job on trails on June 1.

Public Relations. Two talks were given by the Superintendent at the last of May, one to a Miami church group, the other to the Globe Lions Club, chiefly on what the National Park Service is, is trying to do, and its relationship to the interests of the people of Arizona.

Fires. Two very bad forest fires are burning in Arizona. The Pinal fire near Globe will have bad effects on the watershed of that town. Superintendent Sharp made an emergency trip to the fire camp near Globe June 23 to deliver telephone wire to Forester John Pomeroy, and take Bob Sharp's jeep in, where he is helping the Forest Service on the fire. Part of the Coconino Forest is closed, with the Mogollon rim near here as the south boundary.

Quarters. The 32 foot housetrailer was spotted in the only accessible shade on Bonto, leveled up, and connected to the utilities. It is a very well built and complete trailer with considerable room, complete with a demi-tasse bathroom. Solidly built and nicely finished, it is good quarters and we are pleased with it. Archaeologist Lenger will now have a chance to recover from the many and varied insect bites he got in the teathouse, where triatomas, scorpions, and centipedes shared quarters with him.

General. Archaeologist Lenger made a trip to Denver, June 19 to 23, to bring back Mrs. Lenger and the baby.

Considerable work has been required to prepare the trailer site, level it up on the slope, and connect utilities.

Some extra work was entailed by delivery of the culverts.

A big cottonwood branch fell in the tool shed area, but missed all installations. Major damage was to mesquite trees. This answers our standing question as to how to fell the branch without wrecking the tool shed.

The radio batteries have responded to longer hours of battery charging, inaugurated after we decided that our last barrel of gasoline would last out the fiscal year.

Charles C. Sharp
Superintendent

Bonto National Monument
Narrative Report, June 1951

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Tumacacori National Monument
Tumacacori, Arizona

June 25, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Tumacacori

Subject: Superintendent's Monthly Narrative Report for June, 1951

Weather: It has been a little dry this month, with precipitation of .000", compared with the average rainfall of .25" in June for the past 13 years. Temperature reached a balmy high of 107 on May 26, a low of 45 on June 9 and June 10. San Juan, who is traditionally supposed to make it rain in the border country and southward on June 24, failed to deliver the goods this time.

During the month the Santa Cruz Valley Ground Water Users Association was formed, with the organizing meeting held a few days ago at Kinsley's, 10 miles north of here. This Pima and Santa Cruz counties group will endeavor to work out ways and means, and propose legislation if necessary, to see that more economical use is made of ground water resources of this drainage.

Visitor Travel: This month: 3,021 persons, in 808 motor vehicles.

Highest previous June	: 1,992 persons, for 1950.
Percent increase - - -	: 34.1
Fiscal year - - - - -	:38,279 persons
1950 Fiscal Year - - -	:28,837 persons
Percent increase - - -	: 24.7

On reviewing visitor attendance during the past 12 months, it becomes clearly apparent that Tumacacori National Monument is no longer a "winter" monument. It is a "12 months a year" monument. Our "slack" season in the summer, when of old we got caught up on things which had hung fire during the busiest months, is no longer slack. It is simply a little quieter than winter.

Part of our phenomenal visitor increase of late months can be attributed to new ~~war~~ defense industries in Tucson, and to the re-occupation of Fort Huachuca. However, we are convinced most of the travel increase is in bona fide tourists, who are deciding southern Arizona is not too hot for summer vacationing.

Visitors: Among our visitors was a group of 39 on May 27 from Davis-Monthan Air Base, in Tucson.

On June 17 we were visited by County Attorney Raffo Espinosa.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Tumbleweed National Monument,
Tumbleweed, Arizona

June 20, 1970

Superintendent

To: Chief, Superintendent, Southwestern Parks and Monuments

From: Superintendent, Tumbleweed

Subject: Superintendent's Monthly Narrative Report for June, 1970.

Weather: It has been a little dry this month, with temperatures of 100°F, compared with the previous reference of 98°F in June for the past 12 years. Temperatures reached a maximum of 109 on the 8th, a low of 64 on June 2 and June 16. The June, 1970 rainfall is approximately 1/2 inch in the border country and measured no-time 8a. Trying to believe the month will rain.

During the month the Tumbleweed Water Conservation District, under the consulting engineer Will a Fox Eiro, completed the water survey of here. This from and Fox's Tumbleweed Group will endeavor to work out water use needs, and provide information to Washington. To see that some alternative use is made of Tumbleweed water resources of this region.

Visitor Travel: Site count: 3,000 persons, in 800 motor vehicles.
Highest counting from : 1,788 persons, for 1970.
Lowest increase - - - : 24.1
Fiscal year - - - - - :30,772 persons
1970 fiscal year - - - :28,402 persons
Percent increase - - - : 24.7

In reviewing visitor attendance during the past 12 months, it becomes clearly apparent that Tumbleweed National Monument is an inter a "winter" monument. It is a full month a year monument. The "slack" means in the summer, when it did not get enough up to fulfill well but hence fire during the hottest months, is no longer slack. It is slack a little during the wines.

Part of our phenomenal visitor increase of late months is to attribute to our new Cactus Industries in Tucson, and to the commercial Ed-Mart Stadium. However, we also mentioned most of the travel increase is in Sun Club Tucson, who are making northern Arizona is not the Mt for summer residents.

Visitors: Among our visitors are a group of 20 of the "Tri-Nation" during 17 June, in Tucson.

In June 27 we were visited by Dr. [illegible] Dalton.

Inspections: May 26 - Jack B. Dodd, Chief, Administrative Branch, Forestry Division, and Regional Forester S. T. Carlson.

May 29 - Naturalist Dale S. King, Southwestern National Monuments.

May 30 - Administrative Officer Luis Gastellum, Region III Office.

Interpretive Service: 1106 persons went on 205 guided trips through the mission church and grounds, receiving an average of 35.22 minutes per trip. 2886 persons received combined Information and Interpretation Service, and 2923 saw the museum and patio garden.

Museum and Education: During scant periods of opportunity, Ranger Henson has continued the task of collecting and pressing plants to get our herbarium collection started, and of posting blooming, fruiting dates, etc., to plant cards in our fact file.

The superintendent has done some posting of information to our historical fact file cards, and a lot of work on fiscal paper work. I am beginning to believe a monument superintendent should be a C.P.A.

After many years of suggesting to literary visitors that they allow the Park Service, when convenient, to check articles on Service areas for factual accuracy, I finally had one chicken come home to roost. A Miss Beula M. Wadsworth, of Tucson, wrote asking a number of questions about Tumacacori, so that she could write an article about the area for Desert Magazine. A lengthy historical reply was made. Then she came to visit the monument. I gave her all the information I could. Then she went home and wrote the article, and sent me a carbon copy of it, asking that I correct anything that needed correcting. This was done. We may now anticipate that a forthcoming issue of Desert Magazine will have a very accurate article on Tumacacori.

As result of a field trip to northern Sonora mission churches in May, the superintendent has written a report, which has already been submitted through channels. In compliance with the desire of Governor Ignacio Soto, of Sonora, detailed attention was given in the report to stabilization possibilities at Cocospera Mission, in Cocospera Valley, Sonora. Because a new road is being built between Cananea and Imuris, which will pass directly by the historic old church, Governor Soto is hopeful the ruined structure can be restored. Mr. Leopoldo G. Urquides, Governor of the Magdalena and Cananea Lions Clubs, told us that his organization has requested permission of the Mexican government to restore the church.

Through the office of General Superintendent Davis we were able to secure a copy of the National Park Service Stabilization Manual. This we were able to send to Governor Soto, with a copy of the field trip report. Another copy of the field trip report was sent to Senor Urquides.

We have proferred any advisory assistance to the Sonora authorities that we may be able to give in regard to stabilization of Cocospera Mission, and we feel immensely encouraged that our neighbors to the south are about to do something to preserve some of their priceless historic sites. We hope

that stabilization of Cocospera will be only a beginning, and that we will live to see a long range Sonoran program aimed toward protection and preservation of many other of their ~~priceless~~ historic sites. The Sonoran people are deserving of any cooperation we can legitimately give toward realization of such an ideal.

As was hoped, mastication and digestion of historic data obtained on the Sonora field trip are beginning to bear results in improvement of the interpretive story being told here by Ranger Henson and myself.

Maintenance: A large part of Maintenanceman Barney's time this month has been spent on removal of the heavy coat of gravel which had covered our parking area, entrance road spurs, service road, and the mission trail. This has been accompanied by patching holes and rough places with emulsified asphalt. Much watering of plants has been necessary. Some patch plastering was done on the porch bedroom of the Residence No. 1. Interior of this room was painted, gratis, by Jackson boys, under supervision of the maintenanceman. A large olive tree in the patio garden which had been sick for a long time was dug up and removed. Root samples sent to the University of Arizona showed infection with a disease which normally does not seem to attack olives. Pruning of dead growth, sulphur dusting for mildew, spraying for various insect pests, was done. Re-roofing of the "warehouse" was completed. The water system was tested, and found to be producing barely enough water for dry weather needs, with no margin for safety. A pump expert is due to call here this week to discuss best methods of improving our water production.

Personnel: Archaeologist Brewer, of the Region III Office, helped us during parts of these days in the early part of the month, with contact work and library and research problems.

Ollie Barney was on sick leave for 11 hours.
Ranger Henson was on annual leave for 8 hours.
Sup't. Jackson was on annual leave for 12 hours.

General: Everything seems to be going all right here. But how in the heck does one manage to put more than 24 hours into a day and night? Always we are so busy, even in this "slack" summer season, that we wonder, one day to the next, how we will manage to find time enough to do everything that should be done. The eight hour day is a pleasant myth.

Earl Jackson
Earl Jackson
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

TUZIGOOT NATIONAL MONUMENT
CLARKDALE, ARIZONA

June 25, 1951

Memorandum

To: General Superintendent, Southwestern National Monuments

From: Superintendent, Tuzigoot

Subject: Report 1ml, June 1951

There follows a narrative report of activities in this area.

VISITORS

2829 visitors in 936 cars. This compares favorably with 2771 in June 1950. 100% of our 8-12, 1-5 visitors were contacted. The Tuzigoot Trail Guide leaflet was available for all visitors arriving before 8:A.M. and after 5:00 P.M.

WEATHER

Dry, but with the exception of a sudden hot spell the latter part of May, temperatures have been below normal for June. Smoke from the 1200-acre forest fire in the Coconino National Forest four miles west of Flagstaff during the middle of the month was readily visible in Clarkdale, 56 miles from the man-caused blaze.

N. P. S. VISITORS

Foresters Sture Carlson, Region Three Office, and Jack Dodd, Washington Office, on May 28, enroute to Bryce Fire School.

John Cook, Montezuma Castle, and Jimmie Clancy, Casa Grande, on June 1.

Naturalist Dale King on June 2 and 3. Dale and Satch arrived after a long hot trip thru the southern monuments. We got along fine with Satch but Dale stopped up the bath tub.

Administrative Assistant Fred and Mrs. Quesenberry, Petrified Forest, on June 10.

Archeologist Al Schroeder, Lake Mead, June 14.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

_____ NATIONAL MONUMENT
_____

_____ June 16, 1941

Memorandum

To: Regional Superintendent, Northwestern National Monuments

From: Superintendent, Yellowstone

Subject: Report for, June 1941

There follows a monthly report of activities in this area.

VISITORS

3229 visitors in 700 cars. This compares favorably with 2773 in June 1940. 1008 of our 4-H, 1-4 visitors were westbound. The Yellowstone Trail Guide Leaflet was available for all visitors arriving before 8:00 A.M. and after 6:00 P.M.

WEATHER

Dry, but with the exception of a cooling but small hail the latter part of May, temperatures have been below normal for June. Snow fell the 22nd-more than fifty in the Canadian Rockies. Frost killed most of Flagstaff during the middle of the month and really visible in Yellowstone, 90 miles from the non-normal place.

N. P. S. VISITORS

Superintendent Tolson, Region Three Office, and Guy Mohr, Northwestern Office, on May 30, arrived in Jackson Hole.

John Cook, Southwestern Area, and Lloyd Tilton, Lake Crater, on June 1.

Naturalist Dale Fry on June 2 and 3. Dale and Tolson arrived after a long but trip from the southern mountains. We got along fine with both but Dale stayed up the back hole.

Administrative Assistant Fred and Mrs. Gunderson, Jackson Hole Ranch, on June 12.

Superintendent Lee Merriam, June 14.

OTHER AGENCY VISITORS

Mr. and Mrs. Harold Levene, Bureau of Mines (Oil Research), Louisiana, Missouri, on June 10.

Mr. Herman Levine, U.S. Treasury Department, on June 12.

Dr. Ward, Arizona State Department of Health, Phoenix, June 15.

REPORTWORTHY VISITORS

Dr. and Mrs. E. H. Colbert, Paleontologist, American Museum of Natural History, on May 26.

Stan Davis, formerly a representative of Lollesgard's, Tucson, now a freelance photographer, on May 31.

Georgia White of Colorado/San Juan River Fame, on June 5.

ORGANIZED GROUPS

The three following groups arrived on May 31:

12 students of Southland High School of Southland, Texas.

Navahopi Tours brought in a group of three visitors.

Boy Scout Troop 242, Phoenix, 18 strong.

MAINTENANCE

The water pressure fell to a new low on June 17 and inspection of the line failed to reveal a leak on the surface. The guage indicated on the 19th that 89,000 gallons of water had passed thru it. We recruited the professional help of United Verde Public Utilities Co. and they excavated 75 feet of the line as it crossed the swamp at the head of the tailings pond. 70 feet of rotten pipe was removed and all of the new pipe we had on hand was installed. The meter continued to show some leak, although a lot less. A ten foot trench was dug 50 feet below the meter and at this point five leaking clamps were uncovered. If a couple of lengths of one-inch pipe can be located they are going to install them at this point.

IMPROVEMENTS

A new panel of screen was put into the museum door on May 28.

The air cooler was installed in the east window of the west wall in the living room on May 30.

GUEST AGENCY VISITORS

Mr. and Mrs. Harold Lawson, Parents of Miss (Gil Parent), Louisiana, Missouri, on June 20.

Mr. Byron Levine, U.S. Treasury Department, on June 12.

Dr. Mark, Illinois State Department of Health, Peoria, June 12.

ROCKEFELLER VISITORS

Dr. and Mrs. E. E. Colbert, Philadelphia, Lawrence Museum of Natural History, on May 27.

Miss Doris, formerly a representative of Liberia's Tubman, now a Freetown photographer, on May 2.

Joseph Mato of Colombo/Sri Lanka from River Iman, on June 6.

MEETING GROUPS

The three following groups arrived on May 5:

U of Michigan of Northfield High School of Deerfield, Texas.

Hawaii Town Manager is a group of three visitors.

Boy Scout Troop 241, Phoenix, AZ arrived.

WATERWORKS

The water pressure fell to a new low on June 27 and September of the line failed to record a load on the switches. The pump indicated on the LPS left 80,000 gallons of water had passed thru it. To remedy the performance half of United Water Public Utilities Co. and they reserved 77 feet of the line so it crossed the swamp at the head of the building pump. 77 feet of various pipe was removed and all of the new pipe we had on hand was installed. The water continued to flow into tank, although a low level. A top test revealed was May 30 that below the water line of the point five leaking clamps were discovered. It a length of inches of one-inch pipe was be leaked they are going to install them at this point.

LAW ENFORCEMENT

A new panel of meters was put into the sewage dam on May 24.

The air cooler was installed in the east window of the west wall in the living room on May 5.

The museum door and frame was stained burnt umber (Old Colony) on June 15.

The museum furniture (tables, desk and chairs) was stained where needed.

Inside of the Men's Room door was stained to cover scratches and splashes.

An attractive combination register and leaflet box was installed at the museum entrance door. The box, finished in burnt umber stain with white lettering, is four inches deep and two feet square, and is mounted flush with the wall by means of lag bolts and shields. A cover is provided which opens to writing desk height on which is tacked a register sheet. The cover closes in vertical position by a peg latch. Two compartments, one for the Trail Guide (which visitors may use free in the area or take home by depositing ten cents in the coin slot), and one for the free leaflet are provided, with appropriate captions.

ROADS AND TRAILS

Trail guide stakes 1 to 19 were set up on June 8 and 9. Some had to be cemented into solid limestone which required a considerable amount of drilling.

The large and deep pot holes in the entrance road were repaired on June 15, 16 and 17, but only after the Superintendent had phoned half a dozen influential citizens.

A two post sign bearing the legend "Tuzigoot National Monument", left arrow, "Narrow Bridge Drive Slowly" was routed on May 31, painted on June 21 and installed on the 22nd.

A similar two post sign captioned "Tuzigoot National Monument", right hand arrow, "Verde Valley Country Club" was installed on same date about 500 feet from the first sign at an entrance road jog in lower Clarkdale.

INTERPRETIVE SERVICE

The Tuzigoot Trail guide pamphlets were received on June 8 and previously prepared stakes were given a second coat of dull sand-tan paint. The stakes were installed on June 8 and 9 at which time the guided trail was declaired officially open. Visitor acclaim has exceeded our fondest hopes.

RESEARCH AND OBSERVATION

A Red Racer was observed between the residence and the garage on June 1.

On June 7, while locating trail guide stake Number 18 in Room 2 of Group I Archeologist Richert observed a Gambel Quail nest containing 14 eggs. An abundance of feathers indicated that the setting parent had been destroyed by a predator. The eggs and feathers were collected.

J. W. Brewer, Jr.

J. W. Brewer, Jr.,
Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Walnut Canyon National Monument
Flagstaff, Arizona

June 25, 1951

Memorandum

To: General Superintendent

From: Superintendent, Walnut Canyon

Subject: Monthly report, June, 1951.

Visitors this month, 4472; 13288.

Administration William T. Beaver reported for duty as Seasonal Ranger on June 3. He is new to the National Park Service but in 1950 he managed the Navajo Arts and Crafts Exhibit for the Museum of Northern Arizona so is familiar with the area. Since Mr. Beaver reported for duty, we have been keeping a man on contact duty from 7:30 A.M. until 7:00 P.M.

On June 20 General Superintendent Davis and Superintendent Hastings met with the Flagstaff manager of the telephone company to discuss the possibilities of getting a new telephone line built to the monument. Application for this line is being submitted.

Use of Monument Facilities by The Public There were 4472 visitors in 1367 parties. This is 1086 visitors or 32 per cent more than were counted in June, 1950. Parties contacted were 1213 including 4059 people. There were 1354 parties including 4141 visitors in the museum. Seventy-three picnic parties included 406 people.

Roads and Trails Our approach road from Highway 66 has remained very rough and dusty. Despite the lack of moisture, the County graded the road on June 6 without much improvement.

On June 12 a project was started with two laborers to remove the cinders on the parking area to picnic ground walk. The path was channeled out two inches and covered with a cinders and road oil mix obtained from the County.

Maintenance Repainting the main entrance sign at our gate and all signs on the monument was completed.

The top of the incinerator was reinforced and a new cover made.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Grand Canyon National Monument
Flagstaff, Arizona

June 27, 1962

Superintendent

To: Regional Superintendent

From: Superintendent, Grand Canyon

Subject: Monthly report, June, 1962.

Visitors this month, 447; 1,000.

Administration. Miller V. Dunne reported for duty on Seasonal ranger on June 1. He is now on the Rangers Shift. Service has in fact been managed the Monthly Grid and Public Tourist Cars are now showing up. Patrols as is function with the area. Jesse Wu, Junior Laboratory Tech left. We have hired Douglas Cone as seasonal duty Junior Tech with a salary rate 7100 P.M.

In June 30 Medical Superintendent Dunn and Superintendent Tomlinson met with the Flagstaff manager of the Lockheed Medical to discuss the possibilities of getting a bus schedule like Dunn is the manager. Explained the main idea is being considered.

Use of Concessions Facilities by the Public. There were with varying in this period. This is some relation or to our work but that was started in June, 1960. Public contacted were 1227 Interesting some people. There were 1256 private including 4221 visitors in the museum. Seventy-three private parties involved 400 people.

Public and Public. Our monthly meet Cone Highway is the visitors only groups and motor. Despite its line in activity, the Highway pro- ed the road on June 9 without most improvement.

On June 12 a problem was faced all the Indians to visitors the climbers to the Supply line on Grand Canyon main. The park was contacted and the Indian and national Jim - Hualapai and the officials from the County.

Maintenance. Regulating the main entrance sign on and side and it signs on the monument and Hospital.

The top of the Information Bus entrance and a few other work.

The sink drain at Residence No. 2 stopped twice and both times required considerable work with a sewer auger to get it cleared.

Fire Protection On June 9 a trip was made to scout out the location for a fire tool cache on the south side of Walnut Canyon across from the administration building. On June 12 we hauled the box and tools as far as we could by pick-up and then carried them about two miles on litters. This is the first time the National Park Service has had a fire tool cache on the south side of Walnut Canyon

Ranger Spangle spent two nights and Ranger Beaver three assisting the Forest Service on a bad fire west of Flagstaff.

Communications It was again necessary to repair the telephone line where it crosses Highway 89. Our line crossed under the telephone company's wires which made it low enough to be broken by high loads using the highway. Our line was re-arranged so that insulated wire was used for the crossing and it was placed above the telephone company's wires where it should clear the highest load.

National Park Service and Other Visitors

May 27 E. H. Colbert - American Museum of Natural History
May 28 Regional Forester Carlson and Jack B. Dodd from the Forestry Division, Director's Office
May 30 Hal Jackson and family. Mr. Jackson is the new secretary of the Chamber of Commerce, Flagstaff
May 31 Ray Martinez and family enroute from Carlsbad Caverns to a clerical position at Grand Canyon
May 31 Ranger Bob Viklund from Sunset Crater
June 2 The following people stopped enroute to the fire school at Bryce Canyon
Rangers Heying and Thompson from Carlsbad Caverns
Rangers Smith and Rumberg from Big Bend
Ranger and Mrs. Schaffer from Hot Springs
Ranger Zerby from Saguaro
Ranger Steele from Organ Pipe Cactus
Ranger Davis from White Sands
Ranger Turney fron Bandelier
June 3 Archeologist Erik Reid - Regional Office
June 4 Naturalist Dale S. King - Regional Office
June 10 Archeologist Schroeder - Lake Meade
June 11 Former Superintendent Geo. W. Baxter
June 18 Ranger Naturalist Corson from Grand Canyon
June 20 General Superintendent and Mrs. John M. Davis
June 21 Superintendent Brewer fron Tuzigoot
June 22 Ranger and Mrs. Bullard fron Wupatki

Homer F. Hastings
Superintendent

The star Sirius is Dalkanon Sn. 9 singing Lizar can take time revolves annulatively once 4jli a event water to get 5k airborne.

<u>Fire Insurance</u>. On June 2 a trip was made to assist the Insurance for a fire tool racks by the south side of Walsh Tavern review from the administration building. On June 12 we helped the tax tools as far as we could by pickup and then carried them about the alley to lights. Trial the first time the failures from surplus air had a fire tool racks on the south side of Walsh Tavern.

Danger signals upset the alarm and danger never there assisting the Power Service to a bad fire men of Elsewhere.

<u>Communications</u>. It was again necessary to repair the telephone line where it crosses Elstong Rd. The line crosses under the telephone company's wires which is far enough to be unsafe if high winds raise the lights. Our line was re-strengthed so that insulated wire was used for the installation and it was placed above the telephone company's wires where it should stay for several years.

<u>Regional Fire Service and Other Fighters</u>

May 27 E. C. Calvert - Supplies Tavern at Dowell Station
May 29 Regional Fire Service Calvert and Jay's. Main Fire Ins Company Brighton, Stratford, Lifts
May 30 Bal Jackson and Family. Mr. Jackson is in the movement of the Bureau of Commerce, Flagstaff
May 31 Bal Carlson and family accept Jackson Building Service is a similar position at Grand Canyon
May 31 Lazar and Fitzell from Sagamo Center
June 2 The Calvert Series Tavern burned through to the first school at Hope Center
Lazar Dental and Jackson from Building Service
Hagen Walsh and Dalkanon from the Dam
Hagen and Mrs. Jackson from the Dining
Hagen Lazar from Sagamo
Hagen Walsh from Grand Fire Service
Hagen Lazar from Mrs. Walsh
Hagen Lazar Dental Jackson
June 5 Jackson City Hall - Regional office
June 6 Tuscarlyn Fire 5. Fire - Regional office
June 30 Industrial Service - Lake Sagamo
June 11 Power Installation Inc. E. Lazar
June 20 Lazar Industrial Sagamo Insurance Co.
June 20 Salmon Engineering Inc Ben. John E. Hyri
June 21 Insurance Power Fire Regional
June 24 Hagen Inc Mrs. Dalkanon Fire Health

Jonny C. Jackson
Superintendent

WHITE SANDS

Box 231, Alamogordo, New Mexico

June 23 51

Memorandum

To: General Superintendent

From: Superintendent

Subject: Superintendents Monthly Narrative, Report No. 1m1

JUNE TRAVEL, 1951 TRAVEL YEAR TO DATE

Visitors, 19,958 Cars, 4,548 Visitors 112,514 Cars, 26,962

GENERAL

June shows only a few under one thousand people gainover any previous June and we are pleased with even this slight gain. Lace winds still continue and these hot winds send further to delet what little moisture remains in the ground. Several hot days have prevailed and the high for the month was 105 on June 19 and the low was 44 on seventh of June, Moisture nill. Many visitors complain about the heat but all so far seem to stand it.

SPECIAL ACTIVITIES

Toward the close of school many school groups from nearby towns come by for school picnics etc. As the days warm up our visitation at sunset increased and large groups come out late in the evening for their picnics. We went on night differential on May 27th so staying open until 8:00 PM helps a lot. One trip was made to El Paso by Ranger Crittum in regards to supplies and information on the new bull dozer.

PUBLICITY

We never lack for publicity and the local papers, El Paso, Roswell and Los Cruces papers are all giving our 4th of July celebration

[illegible]

[illegible]

To: [illegible]

From: [illegible]

Subject: [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

PUBLICITY - Cont'd

a good play. The Chairman has worked up a good program and Governor Mecham has promised to be present. Along the lines of publicity, I have made it a point to check the cards going out with pictures of the White Sands or mention of the visit to the White Sands and if this spot check can be used as a basis, somewhere in the neighborhood of 1200 to 1500 cards are going to all parts of the country mentioning or picturing White Sands each month.

COMPLAINTS

None have been received except on the weather and these are mostly in the spirit of fun. No complaints have been received on our White Sands Service Co. The manager of the service company complained that his schedule of prices for 1951 were not yet approved and wondered if he should get in his price schelule now for 1952 and endeavor to operate one year on an approved price schedule.

MAINTENANCE

Joe is in 7th heaven now since the delivery of the new TD-14 crawler type tractor bull dozer to White Sands. For the first time in our history we can now clear our roads in case of heavy drifts without borrowing equipment. It is hoped we can from time to time clear out our worst drifts and yet not interfere with our scheduled work too much. Dry spells are making a portion of our clay road rough and dusty but little can be done until we get some moisture.

Otis has been busy with repairs on our rest rooms mostly and too, trying to keep water in both our domestic and other use systems. On Sundays and busy days now our toilets, especially the womens side, never get a chance to to even fill the flush bowl before they are flushed again and as a result our toilets are only about one-half flushed, handles are being twisted off and ball stops torn off etc. in an effort to flush. Due to lack of adequate water our lines stop up and our toilets are a mess as well as our being out of water in its running through three toilets almost constantly. On a Sunday often 3000 gallons of gyp water flows through these outlets and little satisfaction is realized from it. We are ordering new insides complete for all our toilets and we have hopes of this helping some. Our water in the sands well is not holding up and we are forced to haul water two and often three times a day from Alamogordo. This alone takes about 90 minutes per load at best so three loads a day leaves little time for other chores. With our increased crowds our cleanup our cleanup is a daily two hour job at best so being short a temporary , one ranger at Fire School and

a good job. The Chairman has worked in a good practice and improvement measures has resulted to be present. Along the lines of publicity, I have made it a point to check the morale point and report promptly if the White Bands or mention of the night in the White "Week but if this sign check can be used as a basis, somewhere in the neighborhood of 1500 cards are going in all parts of the country mentioning or interpret White Bands each month.

CONDUCTS

Have been received based on the working and lines are mostly in the spirit of the. No complaints have been reported to our White Bands Service Co. The manner of the service company conducted that its schedule of prices for 1931 were not yet approved and weighed if he should get in the price schedule now for 1932 and whether to operate one year in an approved rate schedule.

MAINTENANCE

Jan 11 to 20, having now place the delivery of the new Ford creeper type crawler unit under in White Bands. The for first time in our history we can now clear our weeds in case of very cold without corresponding equipment. It is hoped we can find time to clear out the water drains and get not interfere with our scheduled work the road. Dry wells are making a portion of our clear road impact but only but lines can be done until we get some machinery.

Orlo has been busy this month in our main lines mostly and too, trying to keep water in both our chemical-filled water supplies. In Bandon and busy days now our cellars, especially the Bandon cellar, water and a cellar to be even fill the first half before day. The Bandon cellar and the water supply are only about semi-half-filled. Bandon are being drained and not well above zero at. In an effort to fill. Due to lack of sufficient water our lines are dry up and our cellars are a close as well as our water and of water in the reading through three months lines continuously. In a day when about 300 gallons of gp water flow through these cellars and little satisfaction is realized from it. We are trying our utmost plate for all our cellars and we have lines of 3/4 inches. Our water in the wells is not holding up and we are forced to use water two and often three times a day from Bandon. This water takes about 40 minutes per load at least so there leaves a day leaves little time for other chores. With our increased crews our chemical and filling is a major job at best so being short a lineman, we cannot do this job.

MAINTENANCE - Cont'd

short a clerk and dry wells - we have had a time at White Sands. We hope the Region will excuse us for awhile, I am sure the quality of our letters from the standpoint of typing is obvious to our superiors.

INCREASE OR DECREASE IN TRAVEL

Our increase for the month of slightly under 1000, still allows our Travel Year increase to pass the 11,000 mark to date. Heavy crowds visit late and on a recent patrol, 135 cars were counted in the area between 8:30 and 9:00 PM.

VISITORS

Dale King of the Regional Office
Mr. and Mrs. Marsh of the Regional Office
The Fire School boys from Carlsbad and Big Bend
Lonnie and Mrs. Schafer from Hot Springs
Ranger and Mrs Earl Steele and family from Organ Pipe

RANGER SERVICE

Ranger Davis attended the Regional Fire Control Conference at Brice Canyon and spent a couple days in Coolidge on annual leave and is now all set for visitor contact work. George Hall of Alamogordo is again employed as a seasonal ranger and the other seasonal position is as yet unfilled. We hope to fill this soon. Chittum has been on the gate a lot and I have tried after a fashion to hold the clerks job down, which we have been unable to fill so far. Much we had planned to do is still undone and we seem to be getting even further behind.

GENERAL

Ranger Davis fortunately was granted a four month extension on a recall to active duty to Camp Polk, La. on July 11. Dan figures by living right he might do even better and I am sure I can make better use of him at White Sands this summer than they could at Camp Polk.

Our 4th of July celebration anticipates a crowd of between 10 and 12 thousand for the fireworks but I am afraid they are a little optomistic, I would guess a little nearer 8,500 although I imagine it will seem like 20,000 to my boys before it is all over, with this start we should run close to 30,000 for the month.

ACCIDENTS

One evening on a late patrol I came upon a freshly overturned car with four scared kids in it. None were seriously hurt although minor glass cuts here and there. The car drove off under its own power but was a sorry looking vehicle. Some 300.00 dollars damage was done to the car. Of course the kids claimed they were not going fast but it was on a curve and some remarkable skidding took place for slow speeds. One of the boys involved had been escorted to the entrance a few days before because of reckless driving, so I guess he will believe us now.

NATURE NOTES

Our Pallid bats (Antrozous Pallidus) in the utility area are separated, males and females, and of the 15 or so observed all were female and all had two babies.

In a recent bull dozing operation in the Gupp grounds, several rattlesnakes were uncovered but by the time the bull dozer got through with them it was impossible to tell what variety they were.

Earlier this spring our two types of hedgehog cactus and our prickley pears put out some beautiful blooms and were much enjoyed by the visitors. The yucca throughout the monument have been in bloom for several weeks now and are quite pretty. There are a few wildflowers but the extremely dry weather has held them back considerably.

Johnwill Faris

Johnwill Faris,
Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Wupatki National Monument
Flagstaff, Arizona

June 26, 1951

Memorandum

To: General Superintendent

From: Superintendent, Wupatki

Subject: Monthly Narrative Report for June 1951

Weather: The weather continues very dry with no precipitation recorded for the month. The maximum temperature to date was 97 degrees on June 17 and a minimum of 42 degrees June 3. The maximum temperature for May was broken when it hit 100 degrees on May 28 which is an all time high for May since records have been kept.

The readings from the six rain gauges scattered over the area were taken June 1 and the report mailed to Museum of Northern Arizona.

Inspections: On June 5 Naturalist Dale King visited the area and went over the Nalakihu and Citadel ruins trail and other problems. Changes suggested by Mr. King were carried out with the Nalakihu ruin getting a general house cleaning.

General Superintendent John M. Davis visited the area June 19 and went over our problems.

Roads and Trails: Some clay plating was done between the Citadel and Highway 89. Most of the work this month has been in the cinder area from Sunset Crater to about 5 miles north. This stretch has never been completely covered and with the dry weather is becoming very soft and cars are beginning to get stuck. On June 25 it was necessary to close the road one way from Wupatki to Sunset Crater. It is still open on the down grade from the Crater to Wupatki. The Crater entrance road has been bladed several times during the month.

Interpretive Services: At Wupatki 1207 people in 393 parties were contacted for an average time of 17 minutes per party and a total of 93 hours.

Travel: For the first time in three months travel figures show an increase. The month shows a total of 551 cars and 1643 people which is 64 cars and 200 people ahead of June 1950. The greatest amount in one day was 28 cars. Most of the travel continues to come down the loop road from Sunset Crater. On one day when we had 23 cars total, 18 came from Sunset Crater and only 5 from highway 89.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Death Valley National Monument
Flagstaff, Arizona

June 30, 1941

Memorandum

To: General Superintendent

From: Superintendent, Death

Subject: Monthly Narrative Report for June 1941

Weather: The weather continues very dry with no precipitation recorded for the month. The maximum temperature to date was 97 degrees on June 17 and a minimum of 63 degrees June 5. The maximum temperature for May was Twice when it was 100 degrees on May 22 which is a -21 time high for May since records have been kept.

The rainfall from the six rain gauges scattered over the area were taken June 1 and the report mailed to Bureau of Reclamation.

Personnel: On June 5 Superintendent Dale Stanton visited the area and met with the Ballarat and Shoshone Kiwanis Clubs and spoke over the Ballarat and Shoshone Kiwanis Club and other problems. Ranger Kniffen and Mr. Stanton were married and with the Shoshone Club putting a general house cleaning.

General Superintendent John S. Davis visited the area June 17 and went over our problems.

Roads and Trails: Some clay sliding was done between the Ballarat and Highway 89. Part of the work this month was done in the eighty area from Sunset Crater in about 2 miles south. This already has never been completely restored and with the dry weather is causing very soft and dusty. We are delaying to get start. On June 23 it was necessary to close the road due way from Tuscahi to Sunset Crater. It is still open as the down grade from the Crater to Tuscahi. The Crater entrance road has been blading several times during the month.

Interpretive Services: At Sunset 1207 people in 322 parties were conducted for an average time of 17 minutes per party and a total of 22 hours.

Travel: For the first time in three months travel figures show an increase. The month shows a total of 22 cars and 1000 people which is 84 cars and 600 people about of June 1940. The greatest number in one day was 17 cars. Most of the travel continues to come from the Lower road from Sunset Crater. On one day when we had 17 cars total, 17 came from Sunset Crater and only 1 from Highway 89.

Visitors:

5/30 Mr. Ken Lott, Highway Engineer U.S.F.S. Albuquerque, N.M.
6/3 Dan Davis, Park Ranger, White Sands National Monument
6/3 Jack Turney, Park Ranger, Bandelier National Monument
6/4 Dr. Frank E. Peabody, Zoology Dept. U. of Kansas
6/4 Dr. Walter Sorenson, Dept. of Geology & Paleontology, Museum of Natural History, N.Y.
6/4 Dr. E. H. Colbert, Dept. of Geology & Paleontology, Museum of Natural History, N.Y.
6/5 Dale King, Naturalist, Southwest Monuments, Santa Fe, N.M.
6/6 Paul F. Spangle, Park Ranger, Walnut Canyon National Monument
6/11 Fred W. Quensenberry, Adm. Aid. Petrified Forest Nat'l Monument
6/13 Lloyd Pierson, Park Ranger, Montezuma Castle, Nat'l Monument
6/16 Prof. Bernhard Peyer, Zurich, Switzerland.
6/16 Prof. Chas. A. Camp, Univ. of California
6/16 Prof. S. P. Walles, Univ. of California
6/19 John M. Davis, General Superintendent, Southwest Monuments, Santa Fe. N.M.

Wildlife: A coyote was seen at Heiser Spring June 15 and also a Bull Snake along the road near Wupatki. Clyde Peshlaiki reported seeing 5 deer watering at the tank near Wupatki Spring on June 17. They better tank up as the overflow will be dry within a week. A porcupine was seen at Heiser on June 22.

Scorpians may not be wildlife but 4 have been found in the Superintendent's residence in the past week. If this keeps up should have a bottle full by fall.

Personnel: Mr. Erwil Yarnell who has been attending college at Flagstaff entered on duty at Sunset Crater May 31 as seasonal ranger. There are now two men on duty which gives 7 day a week interpretive service and also furnishes a relief for Wupatki 2 days a week.

James R. Walker, Park Ranger terminated his services on June 2 and left for Albuquerque on a years leave of absence to finish his education.

Mr. William C. Bullard Jr. Arrived at Wupatki June 5 to take over the duties vacated by Mr. Walker leaving. Mr. Bullard entered on duty June 7 as Park Ranger.

Ranger Service: Most ranger work was confined to taking care of the visitors. On June 9 Superintendent Brueck made a trip to Crack-in-Rock ruin and CO Bar cattle company camp to get acquainted with that area. June 17 Ranger Bullard and Viklund made a trip to Crack-in-Rock ruin and surrounding area and returned by way of Black Falls Trading Post.

Spring Flow:	Wupatki	240 GPD	Same as last year this time
	Heiser	1650 GPD	Half of what it was last year

Frederick R. Brueck
Superintendent

Visitors:

6/30 Dr. Ken Lott, Highway Engineer U.S.F.S., Albuquerque, N.M.
6/2 Les Davis, Park Ranger, State Parks National Monument
6/3 Jack Turney, Park Ranger, Bandelier National Monument
6/4 Dr. Frank E. Peabody, Geology Dept. U. of Kansas
6/4 Dr. Walter Sussman, Dept. of Geology & Paleontology, Museum of Natural History, N.M.
6/4 Dr. E. H. Colbert, Dept. of Geology & Paleontology, Museum of Natural History, N.Y.
6/5 Dale King, Naturalist, Lockwood Monument, Santa Fe, N.M.
6/8 Paul V. Lysaght, Park Ranger, Walnut Canyon National Monument
6/11 Fred E. Quesenberry, Adm. Sis. Northland Invest Co.(?) Denver
6/12 Lloyd Pierson, Park Ranger, Wupatki Ruins, Nat'l Monument
6/16 Prof. Barnhard Eyer, Indian Antiquities.
6/16 Prof. Chas. A. Amy, Univ. of California
6/16 Prof. S. F. Wallis, Univ. of California
6/17 John E. Davis, General Superintendent, Lockwood Monuments, Santa Fe, N.M.

Wildlife: A coyote was seen at Water Spring. Deer is not also a full-time along the road near Wupatki. Three Pronghorn frequent every 5 days watering at the back near Wupatki Spring on June 17. Any water tank up in the overflow will be dry within a week. A porcupine was seen at Walter on June 22.

Surplus say not to wildlife but I have been told by the Superintendent's residence in the past week. If this keep on should have a bottle full by fall.

Personnel: Mr. Earl Yarnell who has been attached on leave at Flagstaff entered on duty as Guest Ranger May 21 as seasonal ranger. There are now two men on duty which give 7 day a week interpretive service and also furnishes a relief for Wupatki 2 days a week.

James A. Walker, Park Ranger Naturalist at Bandelier is back 2 and left for Albuquerque on a year leave of absence to finish his education.

Mr. William C. Bullard Jr. arrived at Wupatki June 2 to take over the duties vacated by Mr. Walker leaving. Mr. Bullard entered on duty June 7 as Park Ranger.

Ranger Service: Park ranger work was confined to fighting fires at the visitors. On June 9 Superintendent Lynch left a fire in Jack-Rabbit Park and 60 Ft. service company came to get inexplicable fire that area. June 17 Ranger Bullard and Yarnell made a trip to Wupatki-Sunset Park and surrounding area and returned by way of Lake Mary Spillway Park.

Spring Flow: Wupatki 240 GPM June of last year this
Water 1000 GPM Half of what it was last year

Frederick A. Dwyer
Superintendent

SOUTHWESTERN NATIONAL MONUMENTS MONTHLY TRAVEL STATISTICS

Month of June ,19 51

	This month	Travel year	(Mo.) Last Year	(T.Y.)	
Arches	2,794	10,173	1,460	5,443	Gain for Mo.91% Gain for Yr.87%
Aztec Ruins	3,223	10,251	2,181	7,933	Gain for Mo.48% Gain for Yr.29%
Bandelier	8,023	26,090	7,828	23,922	Gain for Mo. 3% Gain for Yr. 9%
Canyon de Chelly	779	2,295	440	1,622	Gain for Mo.77% Gain for Yr.41%
Capulin Mountain	5,040	12,090	2,400	10,800	Gain for Mo.110% Gain for Yr. 12%
Casa Grande	2,633	33,915	1,706	29,937	Gain for Mo.54% Gain for Yr.13%
Chaco Canyon	399	1,379	260	1,137	Gain for Mo.53% Gain for Yr.21%
Chiricahua	1,737	11,258	1,696	12,088	Gain for Mo. 2% Loss for Yr. 7%
El Morro	406	2,118	502	1,970	Loss for Mo.19% Gain for Yr. 7%
Gila Cliff Dwgs.	—	—	—	—	—
Gran Quivira	284	1,874	283	1,590	Gain for Mo. 0 Gain for Yr.17%
Great Sand Dunes	2,094	6,574	2,505	8,668	Loss for Mo.16% Loss for Yr.24%
Montezuma Castle	5,824	28,218	5,075	24,331	Gain for Mo.15% Gain for Yr.16%
Natural Bridges	634	1,475*	652	766	Loss for Mo. 3% Gain for Yr.92%
Navajo	155	586	126	555	Gain for Mo.23% Gain for Yr. 6%
Organ Pipe Cactus	19,872	148,750	12,638	122,825	Gain for Mo.57% Gain for Yr.21%
Rainbow Bridge	—	—	—	—	—
Saguaro	3,178	34,607	1,899	29,336	Gain for Mo.67% Gain for Yr.18%
Sunset Crater	3,629	11,087	3,149	11,565	Gain for Mo.15% Loss for Yr. 4%
Tonto	1,302	15,825	1,133	16,004	Gain for Mo.15% Gain for Yr. 1%
Tumacacori	3,021	32,096	1,992	23,800	Gain for Mo.52% Gain for Yr.35%
Tuzigoot	2,829	13,009	2,771	13,164	Gain for Mo. 2% Gain for Yr. 1%
Walnut Canyon	4,472	14,238	3,386	12,090	Gain for Mo.32% Gain for Yr.18%
White Sands	19,958	112,514	18,984	101,484	Gain for Mo. 5% Gain for Yr. 10%
Wupatki	1,643	5,289	1,443	4,829	Gain for Mo.14% Gain for Yr. 10%
TOTALS	93,929	535,741	74,509	465,859	Gain for Mo.26% Gain for Yr.15%

ludes 523 November 10 (See reverse for notations, comments, etc.)
rough May 29.

Gain over June 1950.....26% or 19,418 visitors

Gain over last travel year to date.....15% or 69,882 visitors

Only three areas showed losses over June 1950:

El Morro.....19%
Great Sand Dunes.....16%
Natural Bridges..... 3%

n No. 10-769
orts
and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Arches National Monument
Name of Area

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
anent		1	1	2
porary				

June
Month

1951
Year

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
o Caravans	1	36	1 hr.
ks or Hikes	13	95	1 hr.
ns or Hist. House			
er Trips			
Total	14	131	XXXXXXXX

TALKS	NO.		
pfire			
el or Lodge			
eum (Not connected with conducted trip)			
entation (Not connected with conducted trip)			
er (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
Wayside Exhibit	279	817	15 min.
Headquarters	102	330	10 min.
(Give Name or Type) Total	381	1147	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Cove Nature Trail	200	640	15 min.
Wayside Exhibit	206	658	10 min.
(Give Name or Type) Total	406	1298	XXXXXXXX

2794
Number Visitors to Area this Month

2576
Total Interpretive Contacts.

rpretive Activities Outside of the Area:

	Govt. Publications	Sold	On Hand
Ranger Worthington gave 17 illustrated ks with a duration of 1 hr. and a total ndance of 350 people. These talks were on while he was on leave and at his residence after hours here at the monument.			

RKS: With the completion of the Wayside Exhibit this month the visitors have d it a very interesting and helpful interpretive device. Many comments appear on register and have been made to us verbally. By proper signing the Cove Nature Trail use of this trail became so heavy that 200 leaflets were used in one week.

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
ease read them carefully.

NAME Bates R. Wilson
TITLE Superintendent

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
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CONDUCTED TRIPS: CARAVAN OR HIKING TRIPS CONDUCTED BY N.P.S. PERSONNEL FOR GENERAL FIELD ACTIVITIES. TRIPS SPECIFIC TO RUINS AND HISTORICAL HOUSES SHOULD BE REPORTED ON LINE 3. BE SPECIFIC UNDER OTHER TRIPS AS TO TYPE OF CONDUCTED TRIP SUCH AS BOAT, SKI, OR OTHER ORGANIZED ACTIVITY.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

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INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

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REVISED MAY 1949.

No. 10-769
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and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

AZTEC RUINS
Name of Area

JUNE
Month
1951
Year

ER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
anent		2		
orary		1		

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
o Caravans			
ks or Hikes			
ns or [redacted]	250	2191	1 hr
er Trips Museum	570	3223	1/4 hr
Total	820	5414	XXXXXXXX

TALKS	NO.		
pfire			
el or Lodge			
eum (Not connected with conducted trip)			
entation (Not connected with conducted trip)			
er (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

[redacted] 3223 — Number Visitors to Area this Month

5414 — Total Interpretive Contacts.

rpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

EKS:

TRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
ease read them carefully.

NAME Irving D. Townsend
TITLE Irving D. Townsend, Supt

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REVISED MAY 1949.

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and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Dendelion National Monument
Name of Area

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
manent		1	3	4
porary			3	3

Sept
Month

1961
Year

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or Hist. House	177	3284	70.0 Min/
her Trips			
Total	177	3284	XXXXXXXX

TALKS	NO.		
mpfire	6	130	63.4 Min/
tel or Lodge			
seum (Not connected with conducted trip)	38	401	18.3 Min.
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total	44	531	XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
Pondside Point Fire Lookout	52	211	24.1 Min.
(Give Name or Type) Total	52	211	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Ceremonial Cave	44	985	
Trails to Tsankawi		1203	
Stone Lions	4	18	
(Give Name or Type) Total	48	2206	XXXXXXXX

6023
Number Visitors to Area this Month

6232
Total Interpretive Contacts.

terpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand

MARKS:

Fred W. Simmons

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME Fred W. Simmons
TITLE Superintendent

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REVISED MAY 1949.

rm No. 10-769
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3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

CANYON DE CHELLY NATIONAL MONUMENT
Name of Area

June
Month

1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
manent	One	One		Two
porary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or Hist. House	13	100	2-hours
her Trips			
Total	13	100	XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)	138	679	30-min.
her (Not connected with conducted trip)			
Total	138	679	XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

779
Number Visitors to Area this Month

779
Total Interpretive Contacts.

terpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand
letters of inquiry concerning the Monument			
re answered this month			

RKS: Travel increased about 77% over the same period last year. The travel for current year is rapidly increasing over 1950

TRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
ease read them carefully.

NAME Ernest M. Cupp
TITLE Superintendent

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EVISED MAY 1949.
rm No. 10-769
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3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

CAPULIN MOUNTAIN NATIONAL MONUMENT
Name of Area

MBER OF PERSONS ENGAGED:

June
Month

1951
Year

	Interpretive	Administrative	Other	Total
rmanent		one		
mporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or Hist. House			
her Trips			
Total	none		XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total	none		XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total	none		XXXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Wayside markers pointing out five of the			
principal points of interest.			
(Give Name or Type) Total	five		XXXXXXXX

5,040 (register count)
Number Visitors to Area this Month

1,000
Total Interpretive Contacts.

rpretive Activities Outside of the Area:

	Govt. Publications	Sold	On Hand

MARKS:

TRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
ease read them carefully.

NAME Homer J. Farr
TITLE Ranger

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
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"CONTACT" IS A CONNECTION, INTERPRETIVE IN CHARACTER, BETWEEN A PERSON AND A NATIONAL PARK SERVICE EMPLOYEE OR A PARK INTERPRETIVE DEVICE, EXCLUSIVE OF RADIO, BOOK, PAMPHLETS, AND THE LIKE.

CONDUCTED TRIPS: CARAVAN OR HIKING TRIPS CONDUCTED BY N.P.S. PERSONNEL FOR GENERAL FIELD ACTIVITIES. TRIPS SPECIFIC TO RUINS AND HISTORICAL HOUSES SHOULD BE REPORTED ON LINE 3. BE SPECIFIC UNDER OTHER TRIPS AS TO TYPE OF CONDUCTED TRIP SUCH AS BOAT, SKI, OR OTHER ORGANIZED ACTIVITY.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

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INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

COLUMN 3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

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m No. 10-769
orts
and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Casa Grande National Monument
Name of Area

BER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
manent	1	1	1	3
porary				

June - 1951
Month
1951
Year

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes			
ins or Hist. House	186	1,280	47.8 min.
her Trips			
Total			XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
seum	186	1,280	29.5 min.
% of visitors who stopped for Orientation only		937	
(Give Name or Type) Total		2,217	XXXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

2,633
Number Visitors to Area this Month

3,497
Total Interpretive Contacts.

rpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand

.RKS: 1,353 visitors stopped for orientation only. We estimate that 70 % of this number looked through the museum and these are shown under Attended Interpretive Stations above.

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
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NAME A. T. Bicknell
TITLE Superintendent

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REVISED MAY 1949.

rm No. 10-769
ports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chaco Canyon National Monument
Name of Area

June
Month

1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent	~~One~~	One		1
mporary	One			1

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther Trips	~~48~~	~~279~~	~~68 min.~~
Total			XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)	~~42~~	~~157~~	~~18 Min.~~
ther (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			XXXXXXXX

399
Number Visitors to Area this Month

436
Total Interpretive Contacts.

erpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand

MARKS:

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
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NAME Meredith M. Guillet
TITLE ~~Superintendent~~

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rm No. 10-769
ports
5 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chiricahua National Monument
Name of Area

June
Month

Year

IBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent		1	1	2
mporary			1	1

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
to Caravans			
lks or Hikes	4	34	1½ hours
ins or Hist. House			
her Trips			
Total	4	34	XXXXXXXX

TALKS	NO.		
mpfire			
tel or Lodge			
useum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
Headquarters Museum	1	1597	1 hour
(Give Name or Type) Total	1	1597	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
ssai Point Orientation Station, Estimated	1	812	½ hour
ature trail	1	10	3/4 hour
(Give Name or Type) Total	2	822	XXXXXXXX

1737
Number Visitors to Area this Month

2459
Total Interpretive Contacts.

erpretive Activities Outside of the Area:

	Govt. Publications	Sold	On Hand

MARKS: Fire schools and other activities slowed down interpretive contacts some.

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
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NAME Grant Cooke
TITLE Superintendent

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REVISED MAY 1949.

rm No. 10-769
ports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

El Morro National Monument
Name of Area

June
Month

1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent		(1) Supt.		1
mporary			(1) Ranger	1

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes	99	374	60 mins.
uins or Hist. House			
ther Trips			
Total	99	374	XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)	11	33	15 mins.
ther (Not connected with conducted trip)			
Total	11	33	XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Ruins on mesa top	19	57	60 mins.
(Give Name or Type) Total	19	57	XXXXXXXX

406
Number Visitors to Area this Month

464
Total Interpretive Contacts.

terpretive Activities Outside of the Area:

	Govt. Publications	Sold	On Hand

MARKS:

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME Irving McNeil, Jr.
TITLE Superintendent

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE SUPERINTENDENTS, ASST. SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.
"CONTACT" IS A CONNECTION, INTERPRETIVE IN CHARACTER, BETWEEN A PERSON AND A NATIONAL PARK SERVICE EMPLOYEE OR A PARK INTERPRETIVE DEVICE, EXCLUSIVE OF RADIO, BOOK, PAMPHLETS, AND THE LIKE.

CONDUCTED TRIPS: CARAVAN OR HIKING TRIPS CONDUCTED BY N.P.S. PERSONNEL FOR GENERAL FIELD ACTIVITIES. TRIPS SPECIFIC TO RUINS AND HISTORICAL HOUSES SHOULD BE REPORTED ON LINE 3. BE SPECIFIC UNDER OTHER TRIPS AS TO TYPE OF CONDUCTED TRIP SUCH AS BOAT, SKI, OR OTHER ORGANIZED ACTIVITY.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBI ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATION OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISIT USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEV TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER O INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEAS TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

COLUMN 3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOU NOT BE INCLUDED IN THE TOTALS. GIVE TYPE OF ACTIVITY; SUCH AS TALK, BROADCAST, EXHIBIT, ETC.; DATE; ATTENDANCE; AND OTHER DATA NECESSARY TO DESCRIBE THE ACTIVITY.

TOTALS: TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE M RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. F COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

GOVERNMENT PUBLICATIONS: (FOR HISTORICAL AREAS) INDICATE BY NAME OR NUMBER THE COPIES SOLD AND ON HAND.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING INTERPRETIVE SERVICES. RETAIN ORIGINAL IN AREA FILES. IN AREAS EMPLOYING NATURALIST THIS REPORT TO BE ATTACHED TO HIS MONTHLY NARRATIVE REPORTS. IN OTHER AREAS IT SHOULD BE PRESENTED AS A SEPARATE REPORT WITH COPIES FOR COORDINATING SUPERINTENDENT, REGIONAL DIRECTOR AND DIRECTOR FORWARDED THROUGH ADMINISTRATIVE CHANNELS. DATE DUE EACH MONTH IN ACCORDANCE ADMINISTRATIVE MANUAL, VOL. 15, CHAPTER 8 (REPORT 8M3) AND 9 (REPORT 9M3).

REVISED MAY 1949.

10-769

Reports 8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Gran Quivira National Monument
Name of Area

June
Month
1951
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	36	138	43 min.
Other			
Total	36	138	26 hrs.

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Exhibit room	55	195	15 min.
(Give Name or Type) Total	55	195	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Self guide trail	33	131	25 min.
(Give Name or Type) Total	33	131	25 min.

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	6	letters	
Other			

464
Total Receiving Interp. Serv.

284
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Ray B. Ringenbach
Ray B. Ringenbach,
TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Superintendent on leave part of month.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

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Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsprship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

GREAT SAND DUNES NATIONAL MONUMENT
Name of Area

JUNE
Month

1951
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	1	0
Temporary	0	0	1

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)	2	79	20 min.
Other (Not connected with conducted trip)			
Total	2	79	

ATTENDED INTERPRETIVE STATIONS	NO.		
Contact Station	1	2064	10 min.
(Give Name or Type) Total	1	2064	

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

2143
Total Receiving Interp. Serv.

2094
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Glen T. Bean

TITLE Glen T. Bean
Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

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Fill in Only Those Blocks That Apply

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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using ex hibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historica areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personne outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

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COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total eac column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using eac interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be in cluded in the totals in the lower right-hand corner of the form.

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rm No. 10-769
ports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Montezuma Castle National Monument
Name of Area

June
Month
1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent	1	1	1	3
mporary	1			1

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	226	1595	50 Min.
ther Trips			
Total	226	1595	XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
Castle Museum (not continuously attended)	1	4200	10 Min.
Well Museum (attended)	1	338	10 Min.
Talk connected with tour but received by those not making tour.		1500	
(Give Name or Type) Total	2	6038	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Sycamore Nature Trail	1	3000	30 min.
Montezuma Well Loop Trail	1	1326	30 min.
(Give Name or Type) Total	2	4326	XXXXXXXX

5824
Number Visitors to Area this Month

11,959
Total Interpretive Contacts.

terpretive Activities Outside of the Area:

	Govt. Publications	Sold	On Hand

MARKS: Guided tours conducted hourly through 12:00 noon and 5:00 p.m.

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME John C. Cook
TITLE Superintendent

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EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
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ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBI ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATION OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

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(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER O INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

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REVISED MAY 1949.

rm No. 10-769
ports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Natural Bridges National Monument
Name of Area

MBER OF PERSONS ENGAGED:

June
Month

1951
Year

	Interpretive	Administrative	Other	Total
rmanent			~~1~~	~~1~~
mporary			1	1

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes	12	33	2 hrs.
uins or Hist. House			
ther Trips			
Total	12	33	XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
~~Headquarters~~	~~141~~	~~525~~	~~15 min.~~
(Give Name or Type) Total	~~141~~	~~525~~	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
~~Hea dquarters~~	~~23~~	~~109~~	~~30 min.~~
(Give Name or Type) Total	~~23~~	~~109~~	XXXXXXXX

634
Number Visitors to Area this Month

667
Total Interpretive Contacts.

terpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

MARKS: During rangers absence 109 visitors came to headquarters and received leaflet information.

ISTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME Bates E. Wilson
TITLE Superintendent

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INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISIT USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEV TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER O INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEAS TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

COLUMN 3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS I USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOU NOT BE INCLUDED IN THE TOTALS. GIVE TYPE OF ACTIVITY; SUCH AS TALK, BROADCAST, EXHIBIT, ETC.; DATE; ATTENDANCE; AND OTHER DATA NECESSARY TO DESCRIBE THE ACTIVITY.

TOTALS: TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE M RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. F COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

GOVERNMENT PUBLICATIONS: (FOR HISTORICAL AREAS) INDICATE BY NAME OR NUMBER THE COPIES SOLD AND ON HAND.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING INTERPRETIVE SERVICES. RETAIN ORIGINAL IN AREA FILES. IN AREAS EMPLOYING NATURALIST THIS REPORT TO BE ATTACHED TO HIS MONTHLY NARRATIVE REPORTS. IN OTHER AREAS IT SHOULD BE PRESENTED AS A SEPARATE REPORT WITH COPIES FOR COORDINATING SUPERINTENDENT, REGIONAL DIRECTOR AND DIRECTOR FORWARDED THROUGH ADMINISTRATIVE CHANNELS. DATE DUE EACH MONTH IN ACCORDANCE ADMINISTRATIVE MANUAL, VOL. 15, CHAPTER 8 (REPORT 8M3) AND 9 (REPORT 9M3).

REVISED MAY 1949.

rm No. 10-769
ports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

NAVAJO NATIONAL MONUMENT
Name of Area

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent		one		
mporary			one	

JUNE
Month

1951
Year

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans	2 2	88	3 hr
~~alks or Hikes~~	8	43	8 hr
ains or Hist. House			
ther Trips			
Total	30	131	XXXXXXXX

TALKS	NO.		
ampfire	2	82	1 hr
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total	2	82	XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
mall museum and contact station	18	66	10 min.
(Give Name or Type) Total	18	66	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
SANDAL TRAIL	41	93	1.5 hr
(Give Name or Type) Total	41	93	XXXXXXXX

155
Number Visitors to Area this Month

372
Total Interpretive Contacts.

terpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

ARKS: Seasonal ranger on duty sta ting June 20. One group of 21 persons camped in the area for three days and took all offered trips

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME ~~John A. Aubuchon~~
TITLE ~~Superintendent~~

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EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
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"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.
"CONTACT" IS A CONNECTION, INTERPRETIVE IN CHARACTER, BETWEEN A PERSON AND A NATIONAL PARK SERVICE EMPLOYE OR A PARK INTERPRETIVE DEVICE, EXCLUSIVE OF RADIO, BOOK, PAMPHLETS, AND THE LIKE.

CONDUCTED TRIPS: CARAVAN OR HIKING TRIPS CONDUCTED BY N.P.S. PERSONNEL FOR GENERAL FIELD ACTIVITIES. TRIPS SPECIFIC TO RUINS AND HISTORICAL HOUSES SHOULD BE REPORTED ON LINE 3. BE SPECIFIC UNDER OTHER TRIPS AS TO TYPE OF CONDUCTED TRIP SUCH AS BOAT, SKI, OR OTHER ORGANIZED ACTIVITY.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTH INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHI ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATI OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTEND INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIO RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDE DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE THE AREA REGARDING WHICH VISITORS INQUIRE.

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INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

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REVISED MAY 1949

orm No. 10-769
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n3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

ORGAN PIPE CACTUS NATIONAL MONUMENT
Name of Area

JUNE
Month

1951
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
ermanent		1	2	3
emporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther Trips			
Total			XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
Headquarters	1	198	1/4
(Give Name or Type) Total	1	198	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Arizona Desert Trail	1	50	1/2
(Give Name or Type) Total	1	50	XXXXXXXX

19,782
Number Visitors to Area this Month

248
Total Interpretive Contacts.

terpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand

MARKS:

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME ~~Wm. R. Supernaugh~~
TITLE ~~Superintendent~~

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INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

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GOVERNMENT PUBLICATIONS: (FOR HISTORICAL AREAS) INDICATE BY NAME OR NUMBER THE COPIES SOLD AND ON HAND.

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REVISED MAY 1949.

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Saguaro National Monument
Name of Area

June
Month
1951
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		2	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO. of days		
Monument Headquarters		1,568 persons in 389 parties	13 avg. per party.
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
Cactus Forest Trail	29	1,568 persons in 389 parties	30 min.
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks Sertoma International	1	45	30 min.
Displays and Exhibits			
Replies to Inquiries			
Other			

3,136
Total Receiving Interp. Serv.

3,178
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Samuel A. King

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

The Superintendent gave a talk on the flora and fauna of Saguaro National Monument, before the Sertoma Club of Tucson.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PUR[illegible] OF THIS FORM IS TO SECURE AN ACCURATE RECORD O[illegible] TERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

rm No. 10-769
ports
3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Sunset Crater National Monument
Name of Area

JUNE
Month
1951
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
rmanent				
mporary		2		2

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther Trips			
Total			XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
ail Side Signs	1133	3629	5 Min.
ava Flow Nature Trail	506	1112	25 Min.
(Give Name or Type) Total	1639	4741	XXXXXXXX

3629
Number Visitors to Area this Month

4741
Total Interpretive Contacts.

terpretive Activities Outside of the Area:

	Govt. Publications	Sold	On Hand

MARKS: Two seasonal rangers on duty all month.

STRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME
TITLE Superintendent

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(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

COLUMN 3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS. GIVE TYPE OF ACTIVITY; SUCH AS TALK, BROADCAST, EXHIBIT, ETC.; DATE; ATTENDANCE; AND OTHER DATA NECESSARY TO DESCRIBE THE ACTIVITY.

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GOVERNMENT PUBLICATIONS: (FOR HISTORICAL AREAS) INDICATE BY NAME OR NUMBER THE COPIES SOLD AND ON HAND.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING INTERPRETIVE SERVICES. RETAIN ORIGINAL IN AREA FILES. IN AREAS EMPLOYING NATURALIST THIS REPORT TO BE ATTACHED TO HIS MONTHLY NARRATIVE REPORTS. IN OTHER AREAS IT SHOULD BE PRESENTED AS A SEPARATE REPORT WITH COPIES FOR COORDINATING SUPERINTENDENT, REGIONAL DIRECTOR AND DIRECTOR FORWARDED THROUGH ADMINISTRATIVE CHANNELS. DATE DUE EACH MONTH IN ACCORDANCE ADMINISTRATIVE MANUAL, VOL. 15, CHAPTER 8 (REPORT 8M3) AND 9 (REPORT 9M3).

orm No. 10-769
eports
n3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Tonto National Monument
Name of Area

June
Month

1951
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
ermanent	1	1		2
emporary	1 (1 day)			1

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
Walks or Hikes			
uins or Hist. House	175	509	1 hour av.
ther Trips			
Total	175	509	XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)	2	40, and 70	
Total	2	110	XXXXXXXX
alks to Globe Lions & Miami church group			

ATTENDED INTERPRETIVE STATIONS	NO.		
HDQ Museum-office	31		
		1275	15 min av.
(Give Name or Type) Total	31	1275	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
ature trail to cliff dwelling	509		
(Give Name or Type) Total	509		XXXXXXXX

1302
Number Visitors to Area this Month

1784
Total Interpretive Contacts.

terpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand

MARKS: Talks mentioned above were given in Globe and Miami, late May.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME Charles G. Sharp
TITLE Superintendent

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
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CONDUCTED TRIPS: CARAVAN OR HIKING TRIPS CONDUCTED BY N.P.S. PERSONNEL FOR GENERAL FIELD ACTIVITIES. TRIPS SPECIFIC TO RUINS AND HISTORICAL HOUSES SHOULD BE REPORTED ON LINE 3. BE SPECIFIC UNDER OTHER TRIPS AS TO TYPE OF CONDUCTED TRIP SUCH AS BOAT, SKI, OR OTHER ORGANIZED ACTIVITY.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITO USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVI TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

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orm No. 10-769
eports
n3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Tumacacori National Monument
Name of Area

June
Month
1951
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
ermanent		1	1	2
emporary			1	1 (two days)

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
uto Caravans			
Walks or Hikes			
uins or Hist. House	205	1106	35.22 minutes
ther Trips			
Total	205	1106	XXXXXXXX

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total	0		XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
ombined information and interpretation service at registry desk, museum or garden	1	2886	5 mins. (ave
(Give Name or Type) Total	1	2886	XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
lf-guiding museum and patio garden (with nature rail leaflet for garden). However, interpretive ervice often given in garden.	2	2923	18 mins. (Est)
(Give Name or Type) Total	2	2923	XXXXXXXX

3,021*
Number Visitors to Area this Month

6,915
Total Interpretive Contacts.

terpretive Activities Outside of the Area:	Govt. Publications	Sold	On Hand
	none		

MARKS: * Visitor total includes 98 runarounds.

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME Earl Jackson
TITLE Superintendent

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REVISED MAY 1949.

orm No. 10-769
eports
m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

TUZIGOOT NATIONAL MONUMENT
Name of Area

JUNE
Month
1951
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
ermanent	1	1		
emporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	848	2712	
Other Trips			
Total			XXXXXXXX

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)	815	2497	
Other (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
These visitors arrived before 8 A.M. or after	62	117	
4:00 P.M. The Tuzigoot Trail Guide leaflet is			
available for these visitors.			
(Give Name or Type) Total	1725	5326	XXXXXXXX

2829
Number Visitors to Area this Month

5326
Total Interpretive Contacts.

terpretive Activities Outside of the Area:

	Govt. Publications	Sold	On Hand

MARKS:

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
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NAME [illegible]
TITLE Superintendent

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INSTRUCTIONS FOR FILLING IN THE FORM

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Walnut Canyon National Monument
Name of Area

June
Month

1951
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	1	1
Temporary	0	0	1

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Overlook at museum	1	4472	15 min.
Museum	1	4141	10 min.
(Give Name or Type) Total		8613	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Ruins trip into canyon (Island Trail)	1	3130	50 min.
(Give Name or Type) Total	1	3130	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts	0		
Talks	0		
Displays and Exhibits	0		
Replies to Inquiries	3		
Other	0		

11,743
Total Receiving Interp. Serv.

4472
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	None
Popular Studies	None
Source Books	None

NAME Homer F. Hastings
Homer F. Hastings
TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Contact and museum open 7:30 am to 7 pm

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

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Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Reports ~~9m3~~ and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

WHITE SANDS NATIONAL MONUMENT
Name of Area

JUNE
Month
1951
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	2	1	2
Temporary	1		

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans		N	
Walks or Hikes			
Ruins or Hist. House		O	
Other		N	
Total			

TALKS	NO.	E	
Campfire			
Hotel or Lodge		N	
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)		O	
Other (Not connected with conducted trip)		N	
Total			
		E	

ATTENDED INTERPRETIVE STATIONS	NO.		
	30	10,500	1/6
(Give Name or Type) Total		10,500	

UNATTENDED INTERPRETIVE DEVICES	NO.		
		N	
		O	
		N	
(Give Name or Type) Total		E	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts		N	
Talks		O	
Displays and Exhibits			
Replies to Inquiries		N	
Other			
		E	

10,500
Total Receiving Interp. Serv.

19,958
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
6 page booklets	None
Popular Studies	None
Source Books	None

NAME _____

TITLE John Hill Faris
Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.)

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other fe tures of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers und Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, stu collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing I FORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and re ulations of the area, and the utilization of these facilities by the public. It includes data on routes and road Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquir

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the are

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using e hibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibit self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historic areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personn outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpreti stations and devices open to the public. The number of days the stations and devices were available may be indicat under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total ea column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using ea interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be i cluded in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-ha corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive servic offered. Since each visitor may use several different interpretive devices, this attendance may record a total co siderably in excess of the visitors registered in the area during the same period. For comparison, the total number visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Re gional Director who will forward one to the Director. One copy should be retained by the superintendent or custodia of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Dat due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3)

Form No. 10-769
Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Wupatki National Monument
Name of Area

JUNE
Month
1951
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other	Total
Permanent		1	1	2
Temporary				

CONDUCTED TRIPS	1 NO.	2 ATTENDANCE	3 DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	393	1207	17 Min.
Other Trips			
Total	393	1207	XXXXXXXX

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			XXXXXXXX

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			XXXXXXXX

UNATTENDED INTERPRETIVE DEVICES	NO.		
Wupatki Ruins Trail	501	1494	35 Min.
Nalakihu-Citadel Trail	303	757	30 Min.
(Give Name or Type) Total	804	2251	XXXXXXXX

1643
Number Visitors to Area this Month

3458
Total Interpretive Contacts.

Interpretive Activities Outside of the Area:

Govt. Publications	Sold	On Hand

REMARKS:

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE.
Please read them carefully.

NAME
TITLE Superintendent

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE SUPERINTENDENTS, ASST. SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.
"CONTACT" IS A CONNECTION, INTERPRETIVE IN CHARACTER, BETWEEN A PERSON AND A NATIONAL PARK SERVICE EMPLOYEE OR A PARK INTERPRETIVE DEVICE, EXCLUSIVE OF RADIO, BOOK, PAMPHLETS, AND THE LIKE.

CONDUCTED TRIPS: CARAVAN OR HIKING TRIPS CONDUCTED BY N.P.S. PERSONNEL FOR GENERAL FIELD ACTIVITIES. TRIPS SPECIFIC TO RUINS AND HISTORICAL HOUSES SHOULD BE REPORTED ON LINE 3. BE SPECIFIC UNDER OTHER TRIPS AS TO TYPE OF CONDUCTED TRIP SUCH AS BOAT, SKI, OR OTHER ORGANIZED ACTIVITY.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITO USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVI TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA.

INSTRUCTIONS FOR FILLING IN THE FORM

(FILL IN ONLY THOSE BLOCKS THAT APPLY)

COLUMN 1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF INTERPRETIVE STATIONS AND DEVICES OPEN TO THE PUBLIC. THE NUMBER OF DAYS THE STATIONS AND DEVICES WERE AVAILABLE MAY BE INDICATED UNDER "REMARKS".

COLUMN 2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN EACH BLOCK. SPACE FOR A TOTAL OF ALL INTERPRETIVE CONTACTS IS PROVIDED.

COLUMN 3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOUL NOT BE INCLUDED IN THE TOTALS. GIVE TYPE OF ACTIVITY; SUCH AS TALK, BROADCAST, EXHIBIT, ETC.; DATE; ATTENDANCE; AND OTHER DATA NECESSARY TO DESCRIBE THE ACTIVITY.

TOTALS: TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MA RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FO COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

GOVERNMENT PUBLICATIONS: (FOR HISTORICAL AREAS) INDICATE BY NAME OR NUMBER THE COPIES SOLD AND ON HAND.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING INTERPRETIVE SERVICES. RETAIN ORIGINAL IN AREA FILES. IN AREAS EMPLOYING NATURALIST THIS REPORT TO BE ATTACHED TO HIS MONTHLY NARRATIVE REPORTS. IN OTHER AREAS IT SHOULD BE PRESENTED AS A SEPARATE REPORT WITH COPIES FOR COORDINATING SUPERINTENDENT, REGIONAL DIRECTOR AND DIRECTOR FORWARDED THROUGH ADMINISTRATIVE CHANNELS. DATE DUE EACH MONTH IN ACCORDANCE ADMINISTRATIVE MANUAL, VOL. 15, CHAPTER 8 (REPORT 8M3) AND 9 (REPORT 9M3).

PROPOSED	1. NAME OF PROJECT	2. LOCATION Master Plan Sheet No. ..... Edition of 19.....	3. FUNCTION	4. PARK OR MONUMENT AND STATE Park ..... State .....
PROGRAMMED	5. PROPOSED WORK	6. SOURCE OF ESTIMATE Note basis of calculation and if approximate or computed ..... Prepared by ..... Date		7. ESTIMATED COST MATERIALS AND EQUIP. / LABOR
ALLOCATION	8. TYPE OF CONSTRUCTION, MATERIALS, ETC.	9. DIMENSIONAL DATA		$..... $..... $..... $..... $..... $..... $..... $..... $..... $.....
CURRENT	10. PREVIOUS WORK ON PROJECT Itemize with costs and dates		11. PREV. EXPEND. Total $.....	
COMPLETE	12. DRAWING REFERENCE Give titles and dates and how near completion			Total for construction. $..... Plans and supervision. $..... GRAND TOTAL ..... $.....
	13. JUSTIFICATION			
	14. REPORT REFERENCE			15. THIS SHEET PREPARED BY Date ..... Title .....
	16. MISCELLANEOUS DATA			17. RECOMMENDED Date ..... Superintendent. ..... Regional Director. ..... Chief of Planning. ..... Chief of Engineering.
	18. REMARKS			19. APPROVED Date ..... Director.

Use reverse of this sheet for additional information under any of the above headings

UNITED STATES
DEPARTMENT OF
THE INTERIOR
NATIONAL PARK SERVICE

Form No. 10-414

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